

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023937.D
 Acq On : 11 Dec 2021 17:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:28:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	106885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22137	4.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.568	69	20590	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.111	63	47896	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.905	46	65547	61.523	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.040%
24) Chloroform-d	4.352	84	61915	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.037	65	30198	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.053	84	96105	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	30642	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	87111	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	13905	5.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.091	63	76044	64.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31021	5.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	41826	4.939	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46797	5.300	ug/L	100
3) Chloromethane	1.240	50	38065	5.046	ug/L	98
5) Vinyl chloride	1.310	62	41810	5.110	ug/L	98
6) Bromomethane	1.519	94	26295	5.057	ug/L	100
8) Chloroethane	1.584	64	26903	5.053	ug/L	96
9) Trichlorofluoromethane	1.751	101	76657	5.392	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38913	5.197	ug/L	98
12) 1,1-Dichloroethene	2.117	96	35111	5.159	ug/L	90
13) Acetone	2.188	43	39106	45.879	ug/L	76
14) Carbon disulfide	2.291	76	95923	4.859	ug/L	100
15) Methyl Acetate	2.439	43	10088	4.883	ug/L	99
16) Methylene chloride	2.507	84	43516	4.887	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	87462	5.683	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	39159	5.198	ug/L	93
19) 1,1-Dichloroethane	3.191	63	71371	5.278	ug/L	97
21) 2-Butanone	3.986	43	58743	48.234	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	42890	5.378	ug/L	96
23) Bromochloromethane	4.252	128	19917	5.496	ug/L	90
25) Chloroform	4.378	83	81876	5.447	ug/L	99

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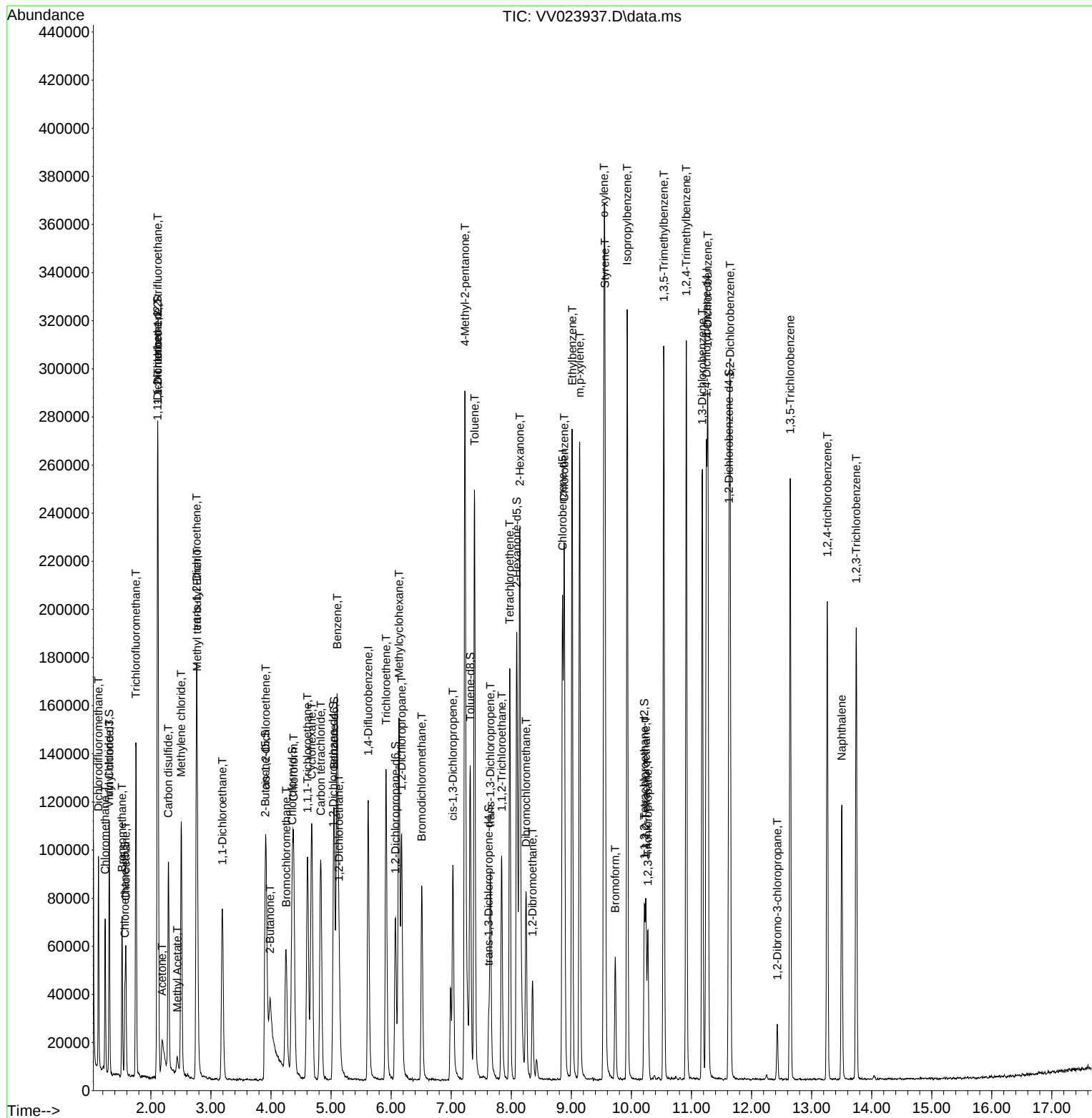
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46274	5.682	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	73388	5.248	ug/L	99
30) Cyclohexane	4.677	56	54261	4.892	ug/L	99
31) Carbon tetrachloride	4.828	117	67121	5.106	ug/L	100
33) Benzene	5.101	78	158347	5.237	ug/L	100
34) Trichloroethene	5.915	95	42937	5.034	ug/L	98
35) Methylcyclohexane	6.133	83	60933	4.854	ug/L	99
37) 1,2-Dichloropropane	6.175	63	38537	5.362	ug/L	100
38) Bromodichloromethane	6.510	83	54875	5.390	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	55449	5.197	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	214866	62.239	ug/L	98
42) Toluene	7.387	91	178722	5.252	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	50878	5.517	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	28932	5.441	ug/L	97
47) Tetrachloroethene	7.976	164	38233	5.092	ug/L	97
48) 2-Hexanone	8.143	43	159836	63.852	ug/L	98
49) Dibromochloromethane	8.246	129	39896	5.515	ug/L	98
50) 1,2-Dibromoethane	8.355	107	27383	5.547	ug/L	96
51) Chlorobenzene	8.882	112	119309	5.246	ug/L	98
52) Ethylbenzene	9.014	91	187435	5.220	ug/L	97
53) m,p-xylene	9.140	106	75363	5.307	ug/L	97
54) o-xylene	9.545	106	71900	5.236	ug/L	96
55) Styrene	9.561	104	125733	5.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32778	5.630	ug/L	99
59) Bromoform	9.731	173	22946	5.640	ug/L	98
60) Isopropylbenzene	9.931	105	195047	5.240	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	24112	5.583	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	160312	5.192	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	161541	5.252	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	104642	5.497	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	110183	5.763	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	109164	6.260	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5343	5.665	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	77972	4.980	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	62015	5.043	ug/L	96
71) Naphthalene	13.503	128	90390	5.114	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	58356	5.375	ug/L	98

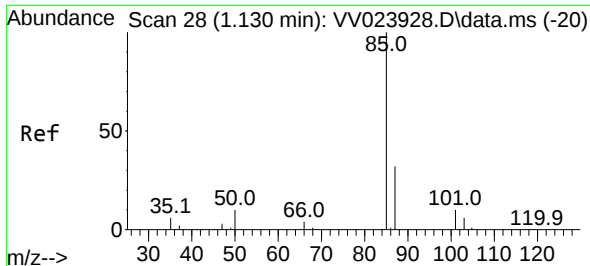
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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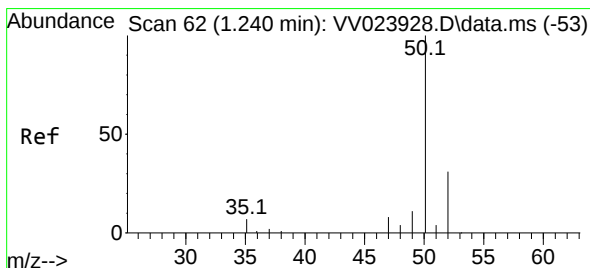
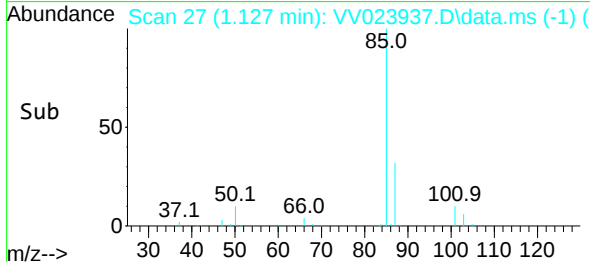
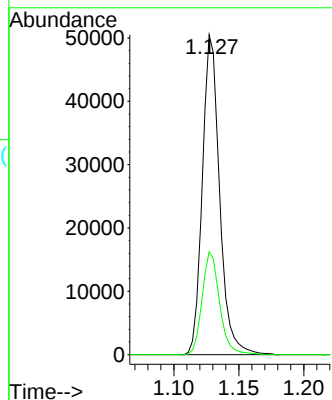
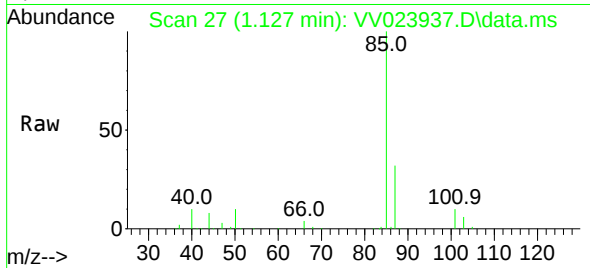




#2
 Dichlorodifluoromethane
 Concen: 5.300 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

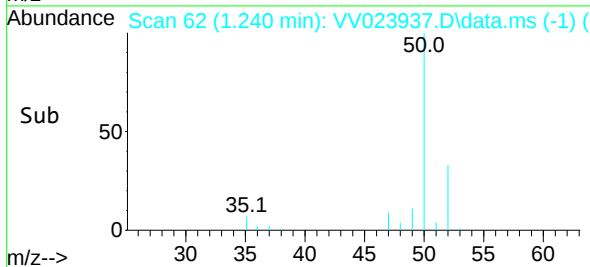
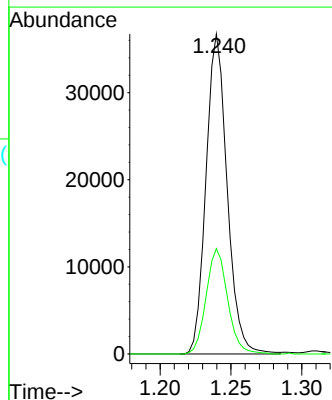
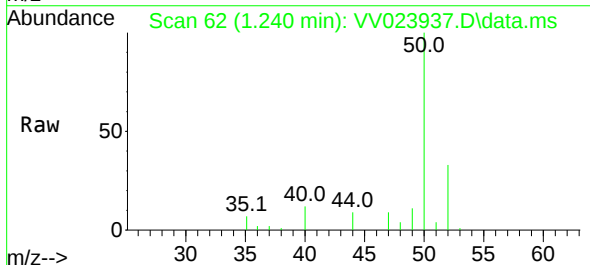
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 ClientSampleId :

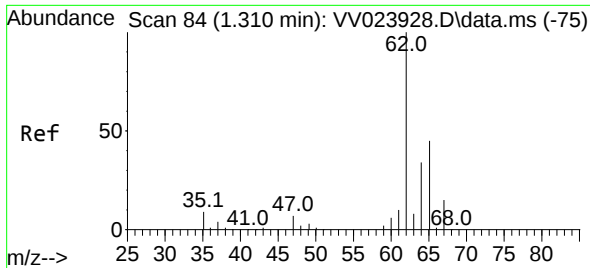
Tgt Ion: 85 Resp: 46797
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.046 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

Tgt Ion: 50 Resp: 38065
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0

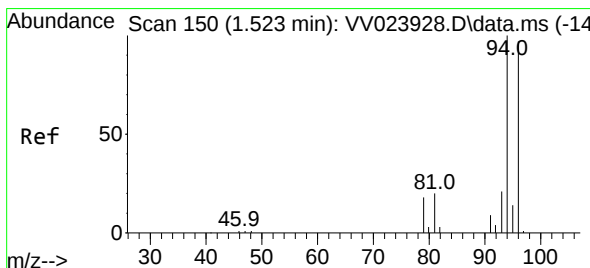
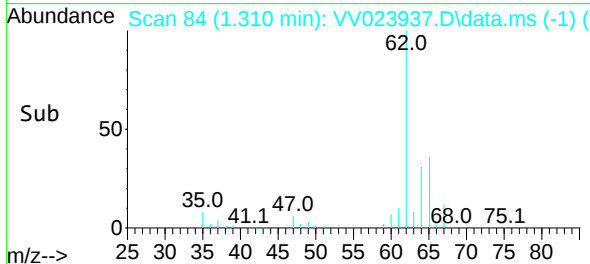
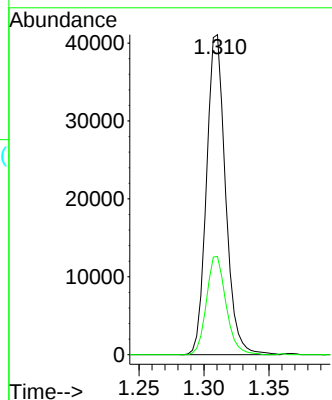
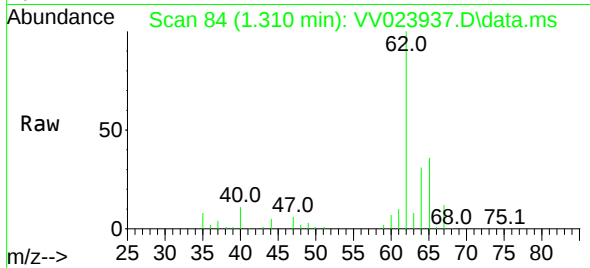




#5
 Vinyl chloride
 Concen: 5.110 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

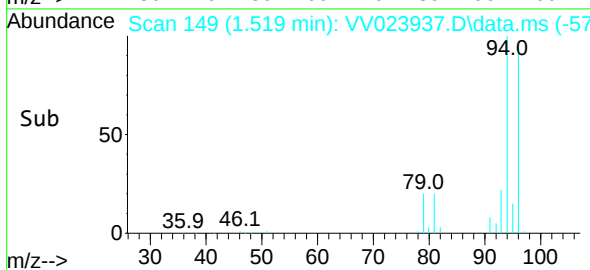
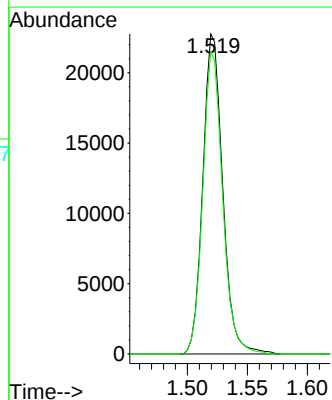
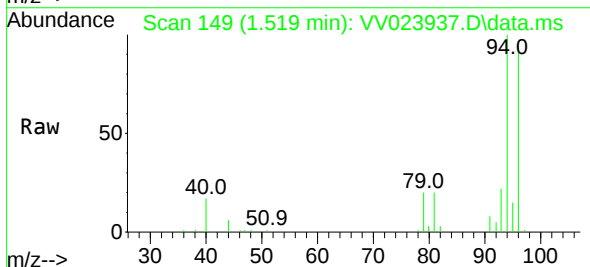
Instrument :
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 ClientSampleId :

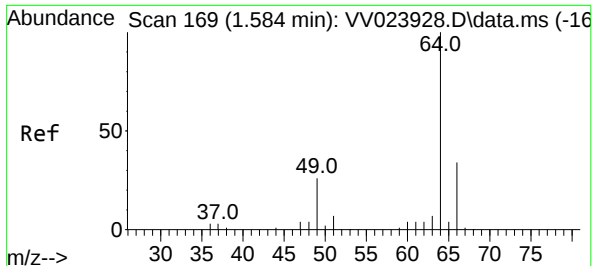
Tgt Ion: 62 Resp: 41810
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.4 41.6



#6
 Bromomethane
 Concen: 5.057 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

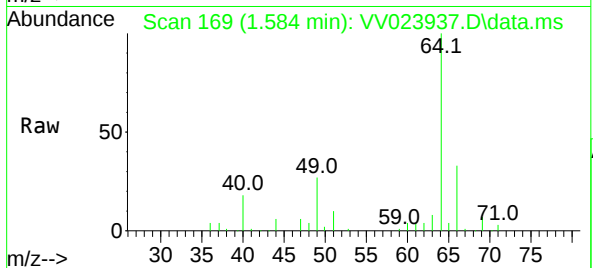
Tgt Ion: 94 Resp: 26295
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.2 123.0



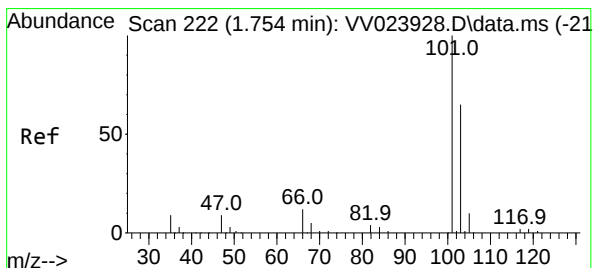
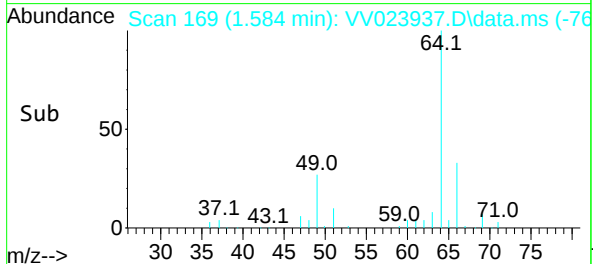
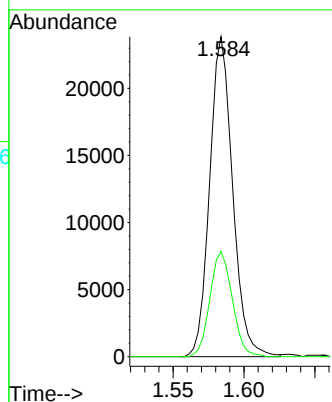


#8
Chloroethane
Concen: 5.053 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Instrument :
MSVOA_V
ClientSampleId :

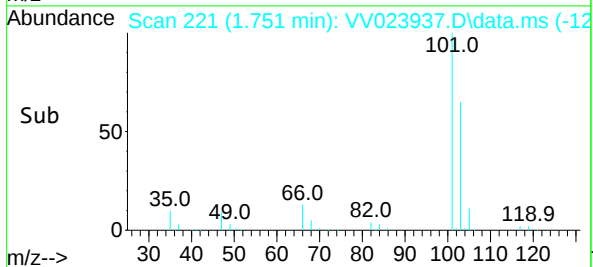
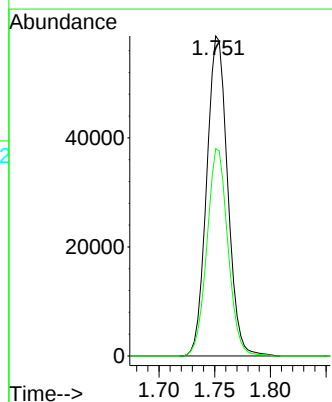
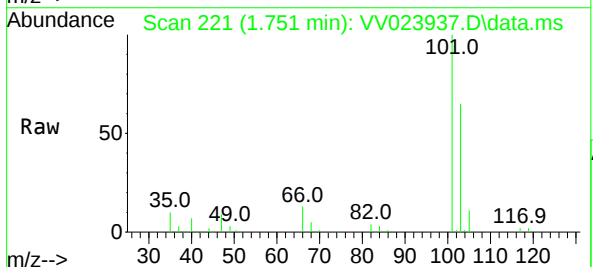


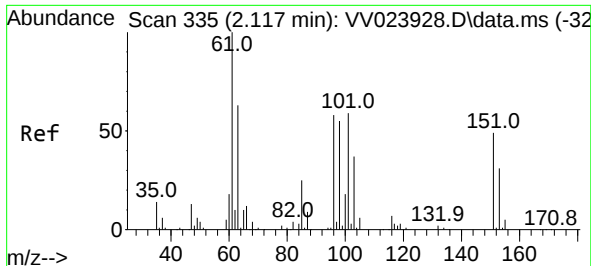
Tgt Ion: 64 Resp: 26903
Ion Ratio Lower Upper
64 100
66 32.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.392 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion:101 Resp: 76657
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

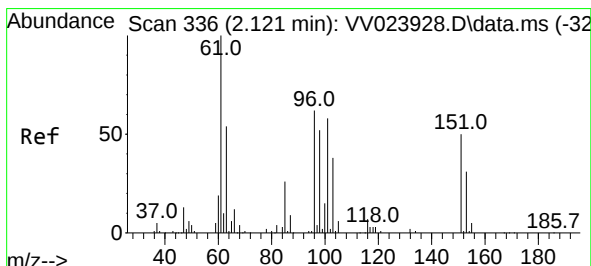
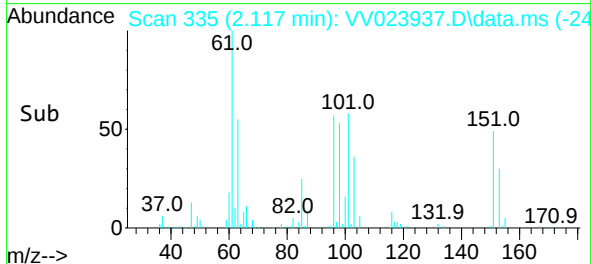
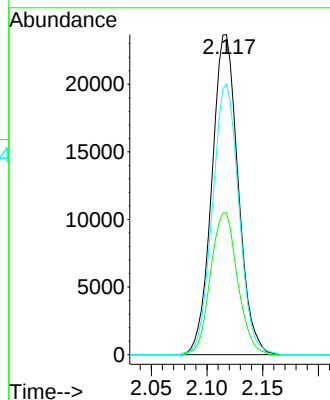
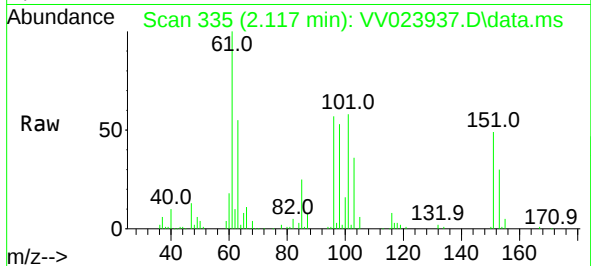




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.197 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

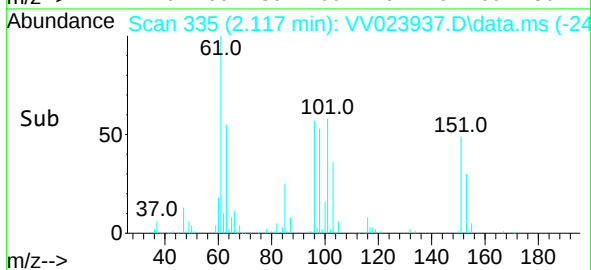
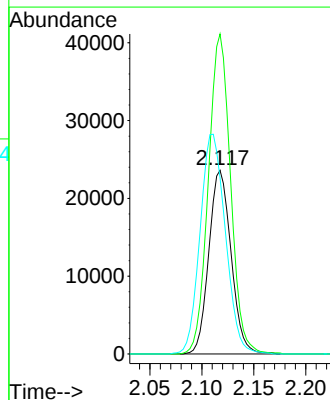
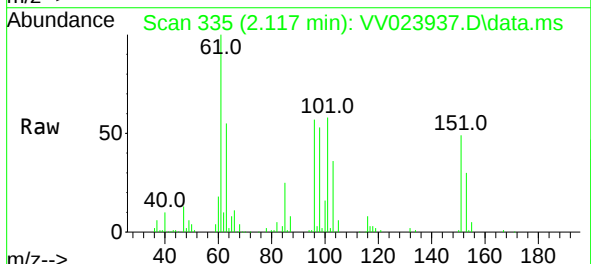
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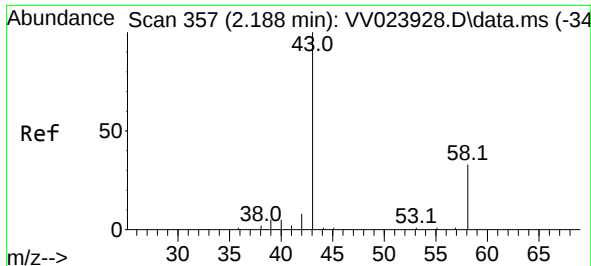
Tgt Ion:101 Resp: 38913
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.0 54.0
 151 85.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.159 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

Tgt Ion: 96 Resp: 35111
 Ion Ratio Lower Upper
 96 100
 61 174.2 116.1 215.5
 63 95.9 79.4 147.4





#13

Acetone

Concen: 45.879 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

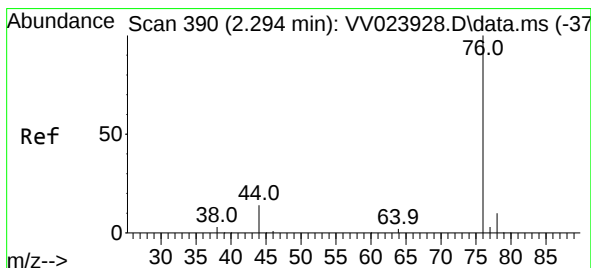
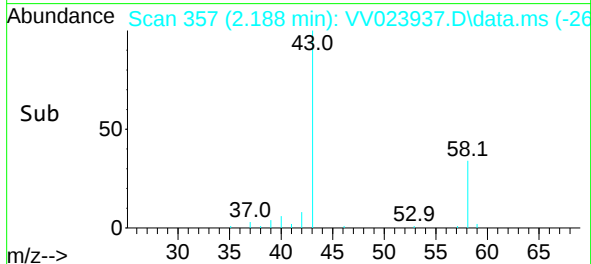
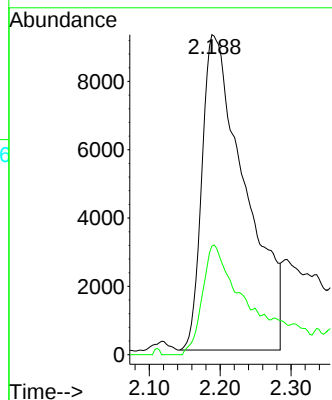
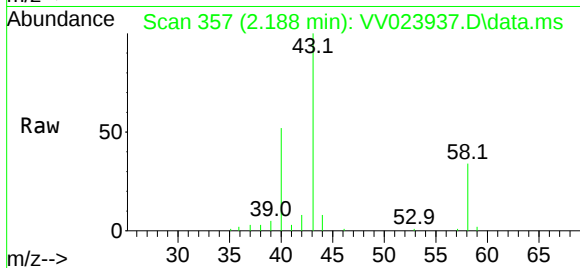
ClientSampleId :

Tgt Ion: 43 Resp: 39106

Ion Ratio Lower Upper

43 100

58 32.0 0.0 41.4



#14

Carbon disulfide

Concen: 4.859 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023937.D

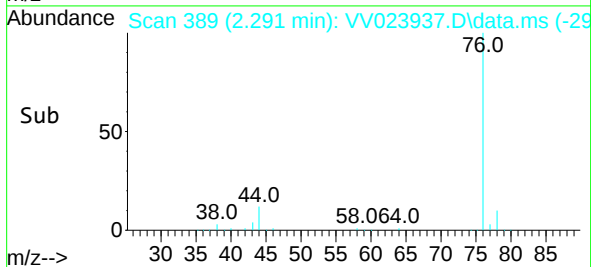
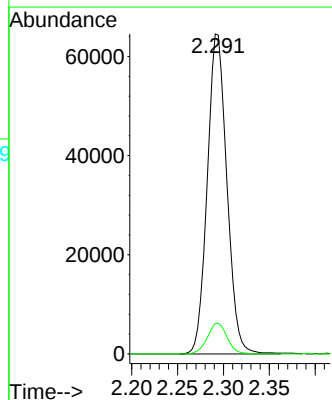
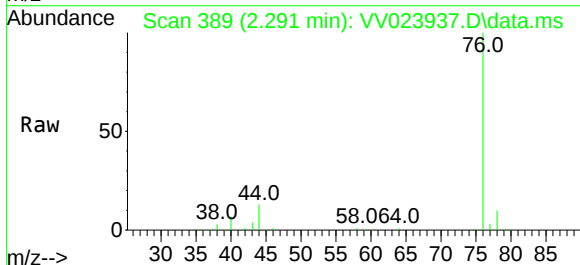
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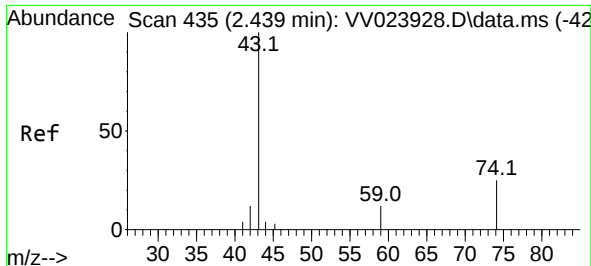
Tgt Ion: 76 Resp: 95923

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 4.883 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.003 min

Lab File: VV023937.D

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MSVOA_V

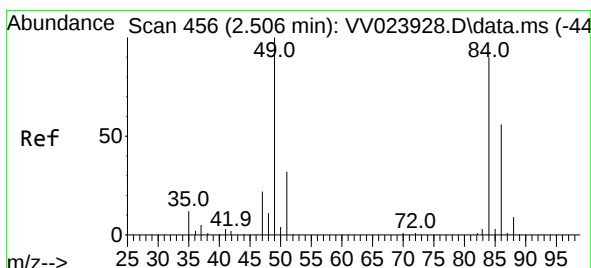
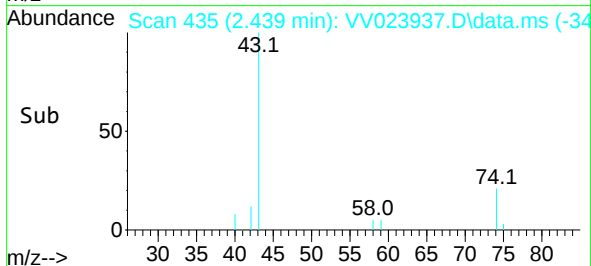
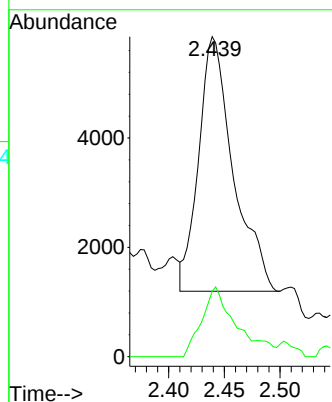
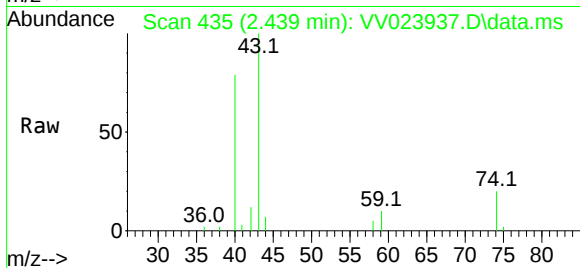
ClientSampleId :

Tgt Ion: 43 Resp: 10088

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2



#16

Methylene chloride

Concen: 4.887 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

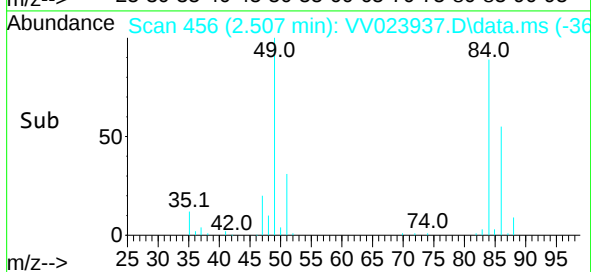
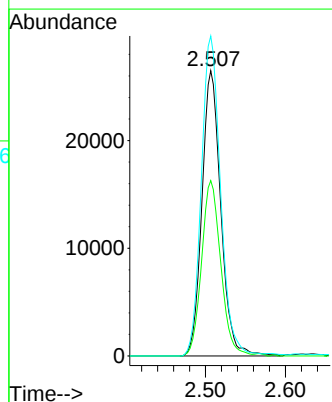
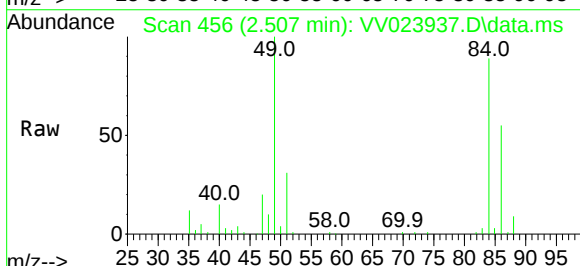
Tgt Ion: 84 Resp: 43516

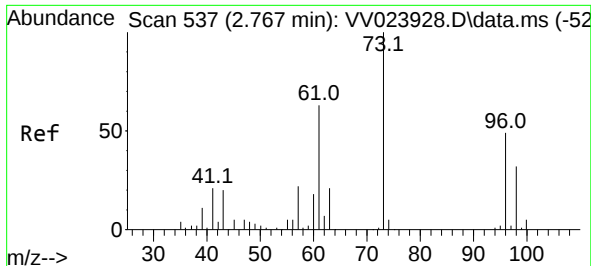
Ion Ratio Lower Upper

84 100

86 61.4 42.6 79.0

49 112.1 79.7 147.9

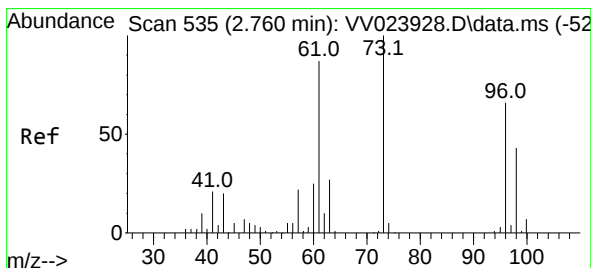
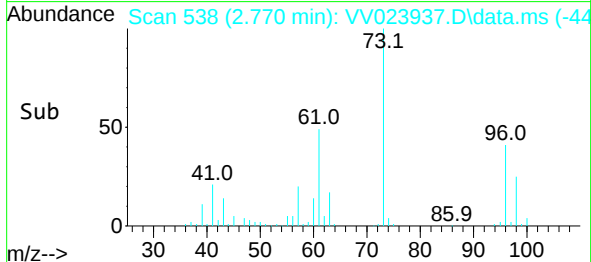
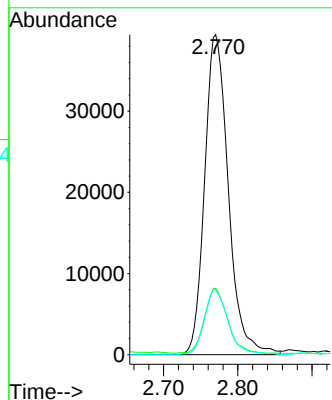
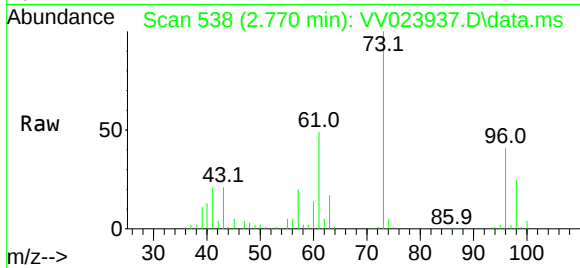




#17
Methyl tert-butyl Ether
Concen: 5.683 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

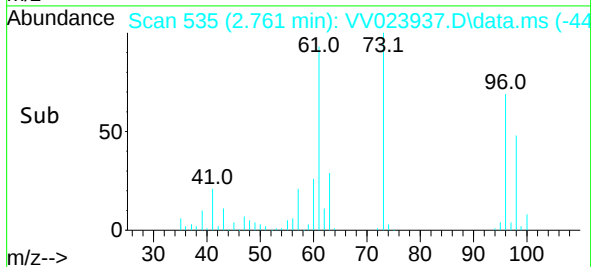
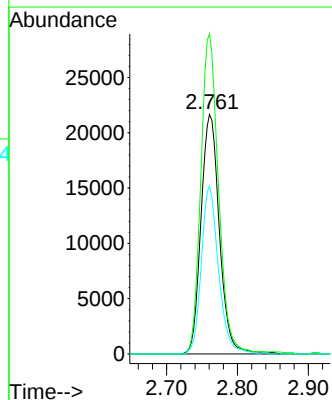
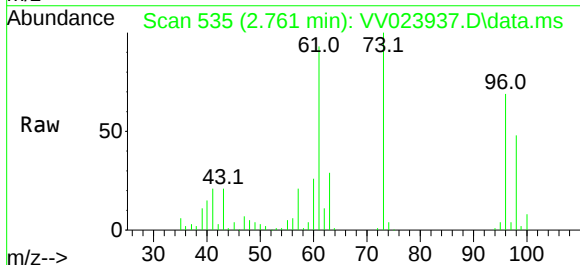
Instrument :
MSVOA_V
ClientSampleId :

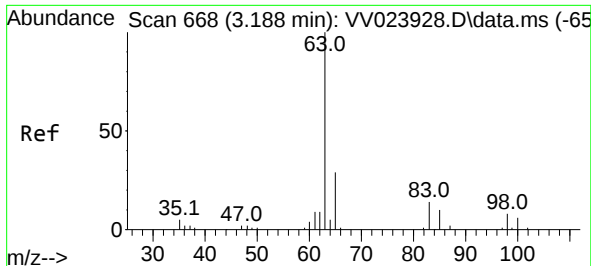
Tgt Ion: 73 Resp: 87462
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 20.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.198 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion: 96 Resp: 39159
Ion Ratio Lower Upper
96 100
61 133.6 88.2 163.8
98 69.9 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.278 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :

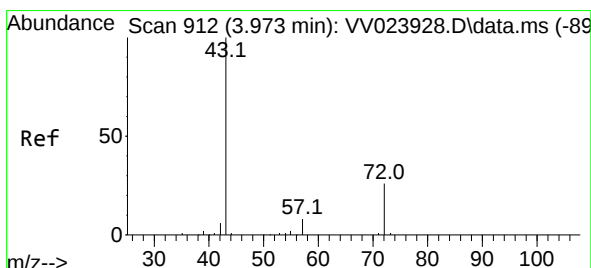
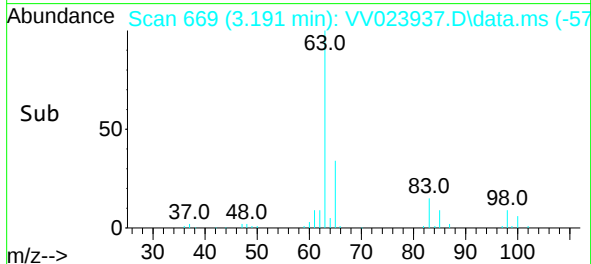
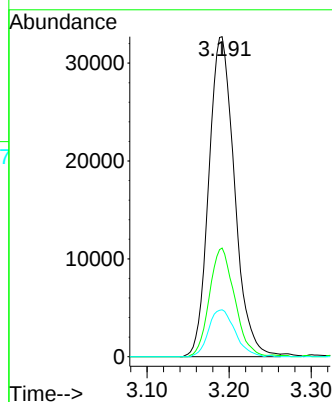
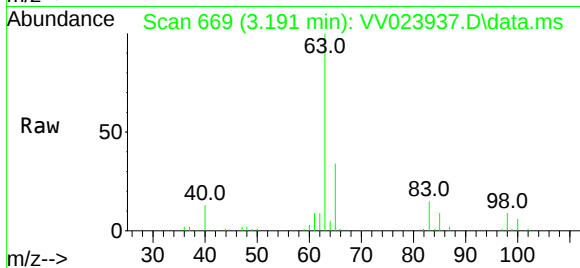
Tgt Ion: 63 Resp: 71371

Ion Ratio Lower Upper

63 100

65 33.9 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 48.234 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV023937.D

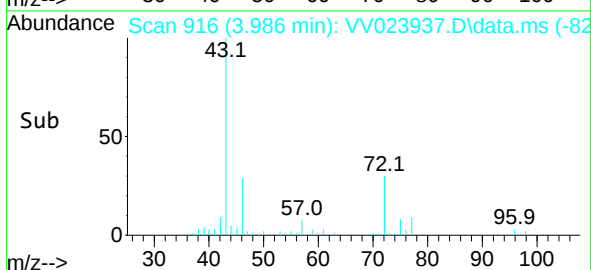
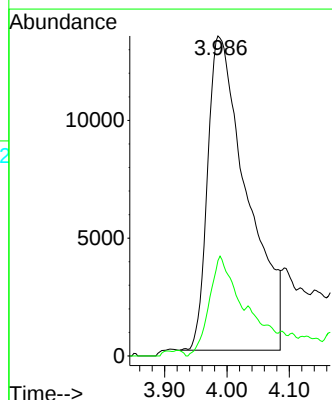
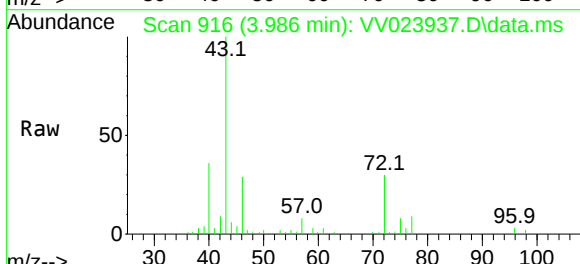
Acq: 11 Dec 2021 17:41

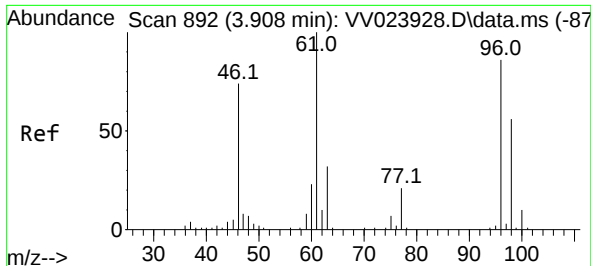
Tgt Ion: 43 Resp: 58743

Ion Ratio Lower Upper

43 100

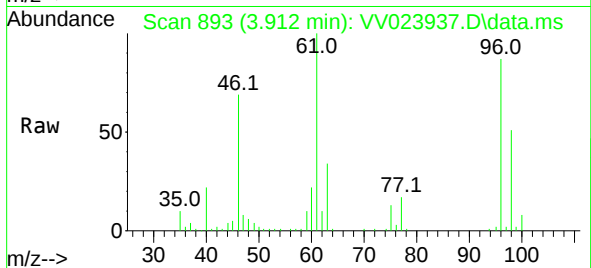
72 21.0 11.1 33.1



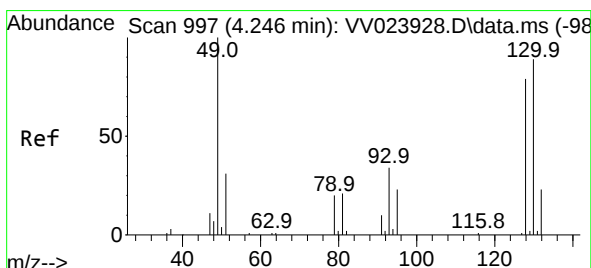
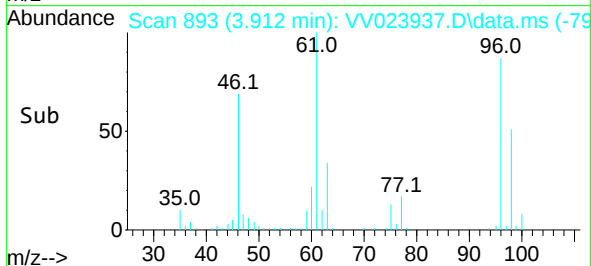
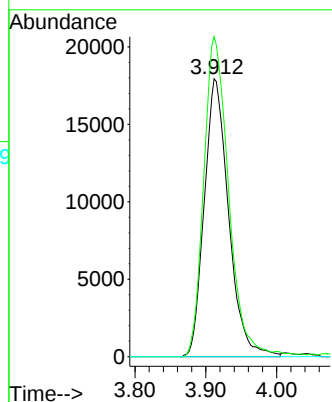


#22
 cis-1,2-Dichloroethene
 Concen: 5.378 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

Instrument :
 MSVOA_V
 ClientSampleId :

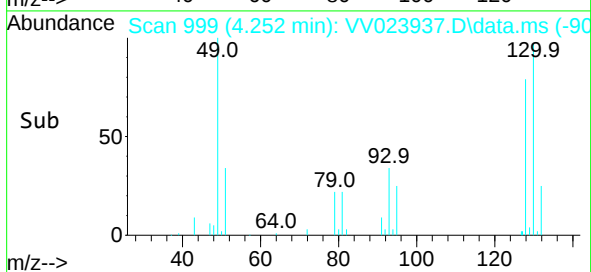
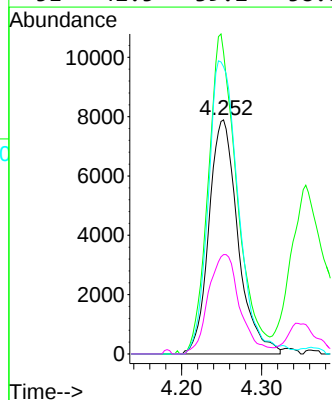
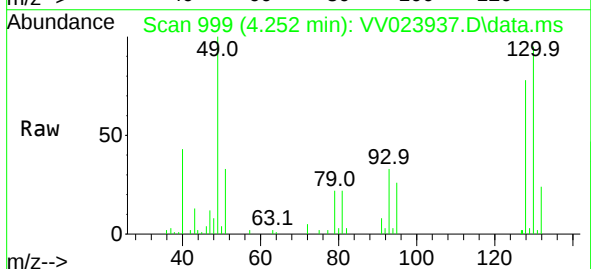


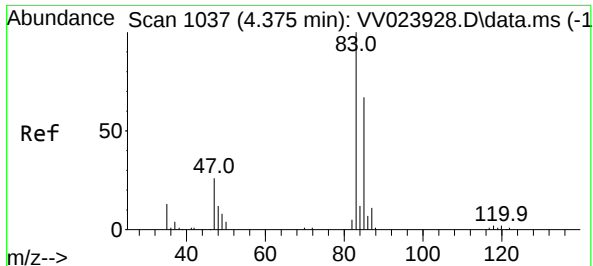
Tgt Ion: 96 Resp: 42890
 Ion Ratio Lower Upper
 96 100
 61 115.2 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.496 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

Tgt Ion: 128 Resp: 19917
 Ion Ratio Lower Upper
 128 100
 49 128.8 100.2 186.2
 130 122.7 92.5 171.7
 51 42.5 39.2 58.8





#25

Chloroform

Concen: 5.447 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

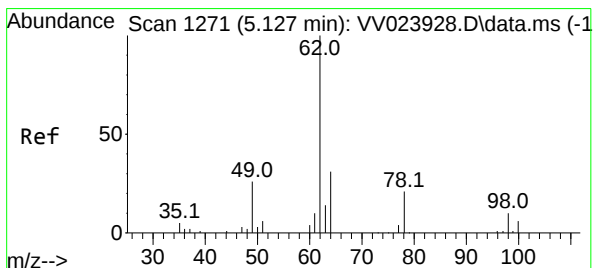
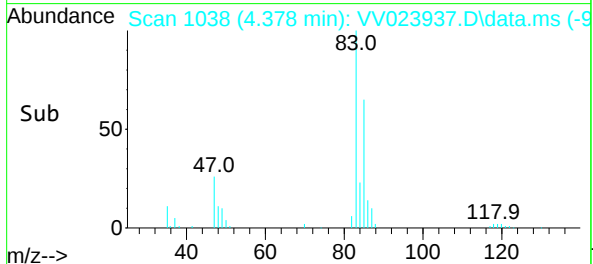
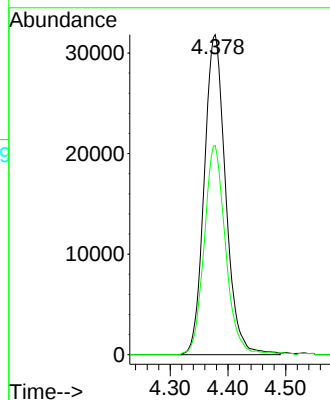
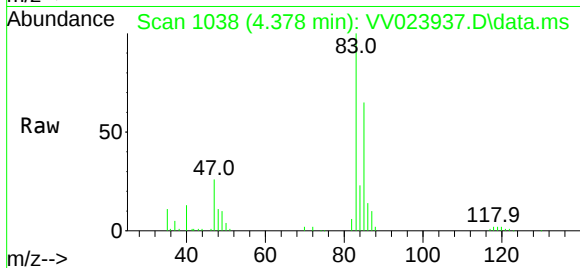
ClientSampleId :

Tgt Ion: 83 Resp: 81876

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.682 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023937.D

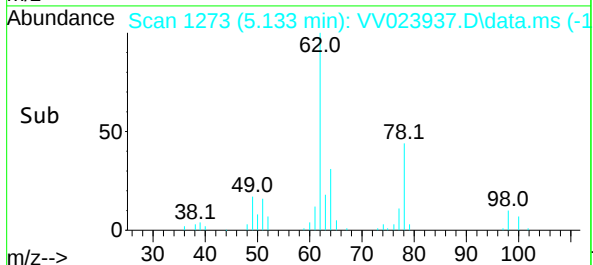
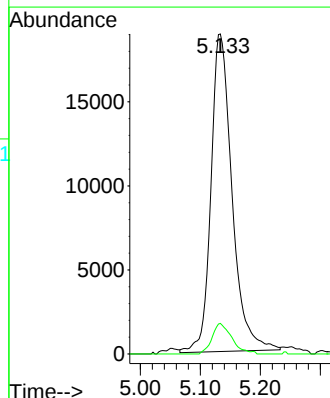
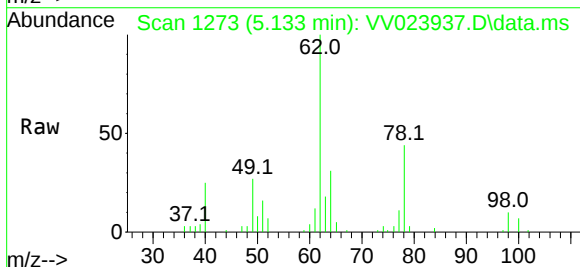
Acq: 11 Dec 2021 17:41

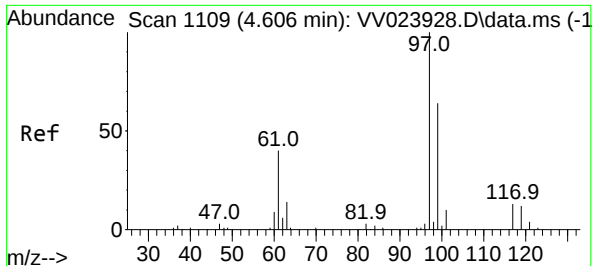
Tgt Ion: 62 Resp: 46274

Ion Ratio Lower Upper

62 100

98 9.6 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.248 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :

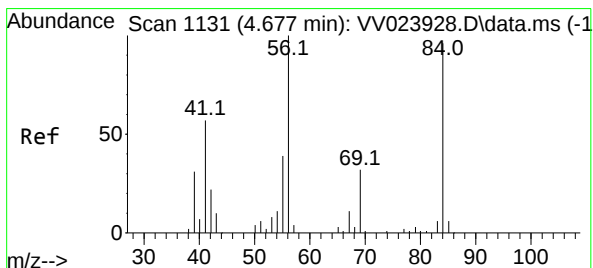
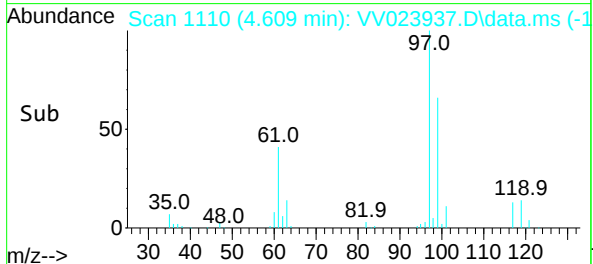
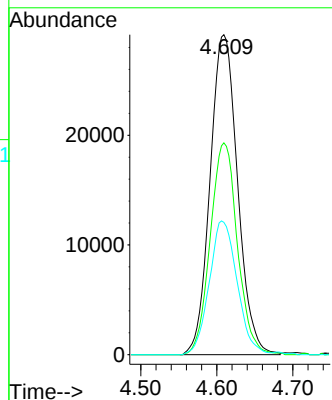
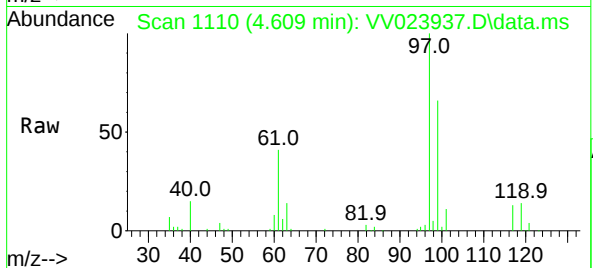
Tgt Ion: 97 Resp: 73388

Ion Ratio Lower Upper

97 100

99 65.3 51.9 77.9

61 42.4 33.2 49.8



#30

Cyclohexane

Concen: 4.892 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

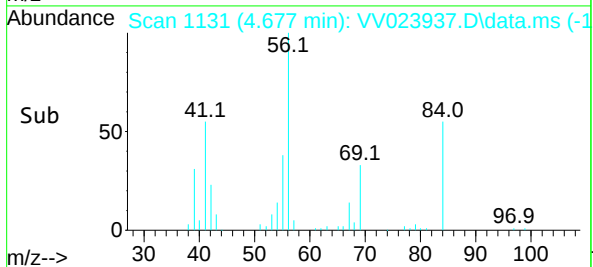
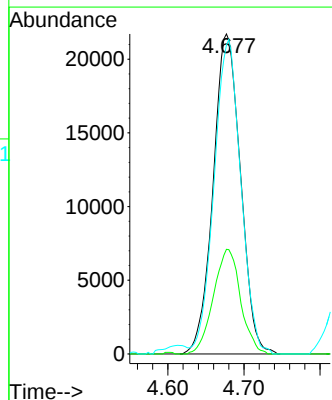
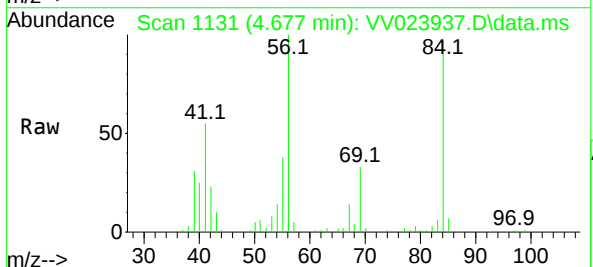
Tgt Ion: 56 Resp: 54261

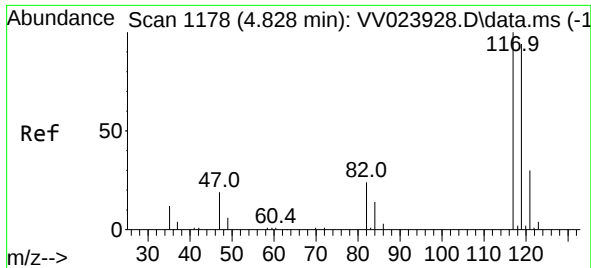
Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

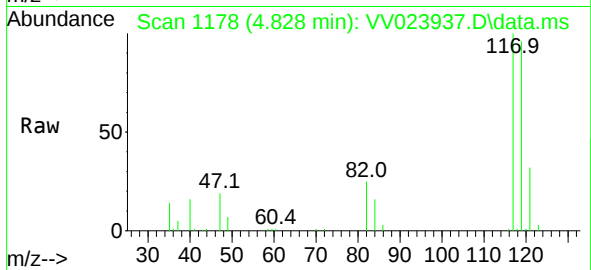
84 96.0 75.9 113.9



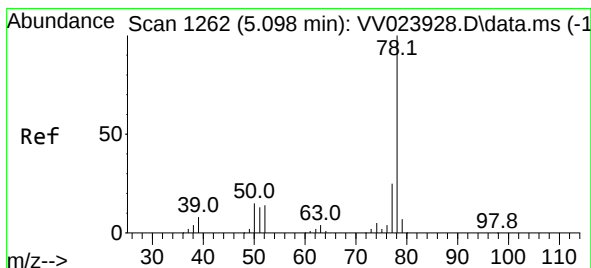
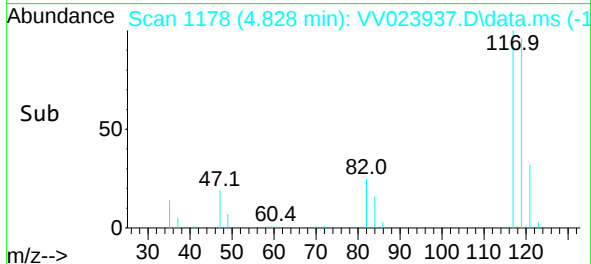
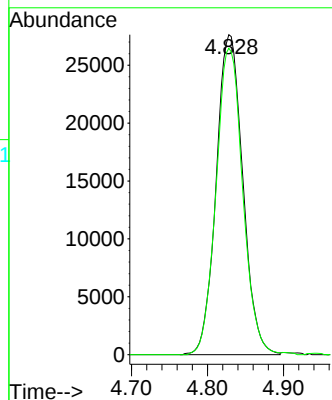


#31
Carbon tetrachloride
Concen: 5.106 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Instrument :
MSVOA_V
ClientSampleId :

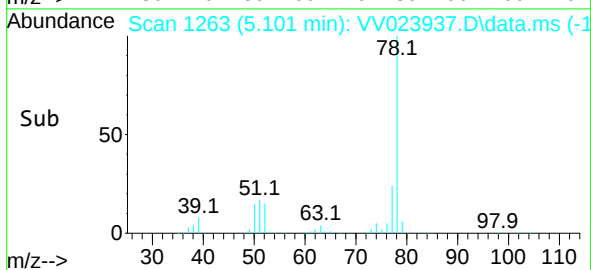
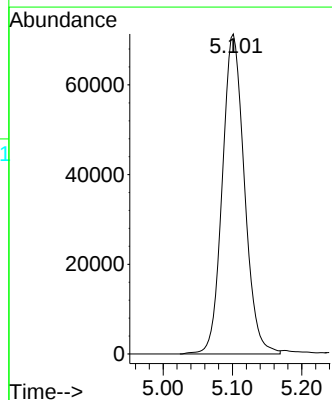
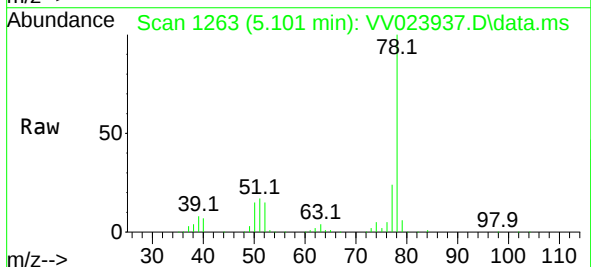


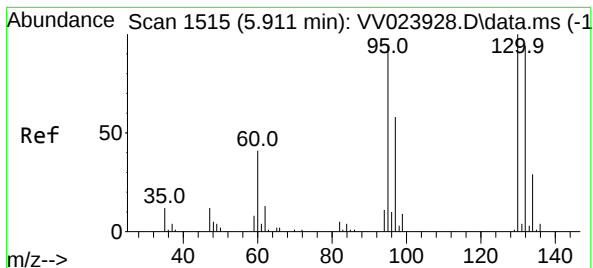
Tgt Ion:117 Resp: 67121
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 5.237 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion: 78 Resp: 158347





#34

Trichloroethene

Concen: 5.034 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 42937

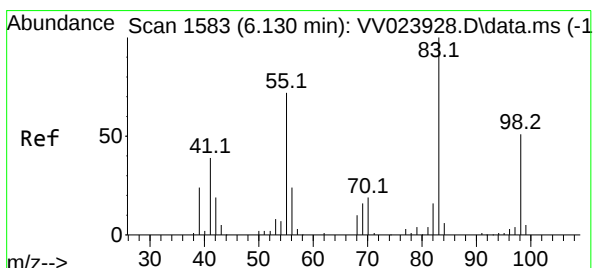
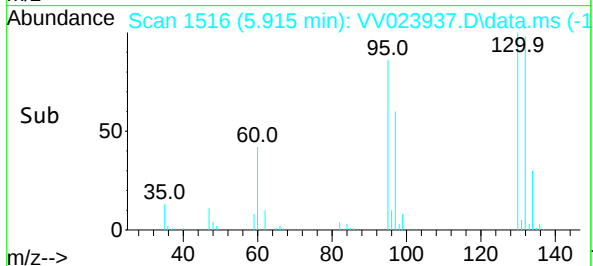
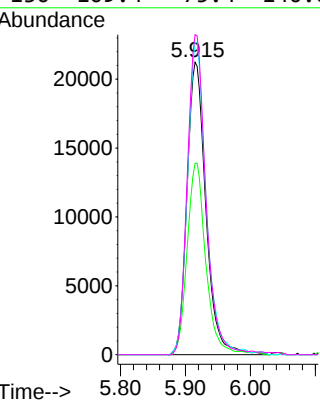
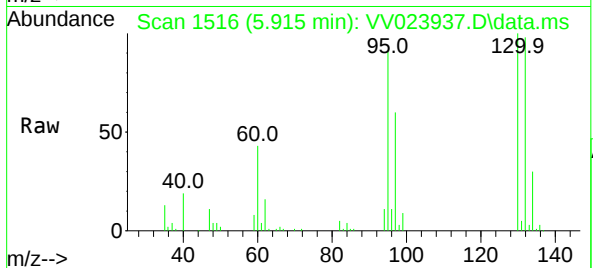
Ion Ratio Lower Upper

95 100

97 65.4 45.2 84.0

132 106.7 76.1 141.3

130 109.4 75.4 140.0



#35

Methylcyclohexane

Concen: 4.854 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

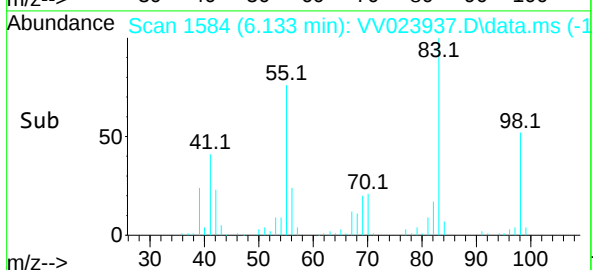
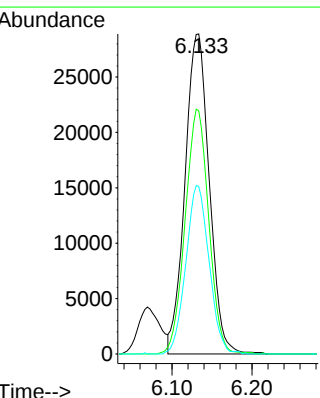
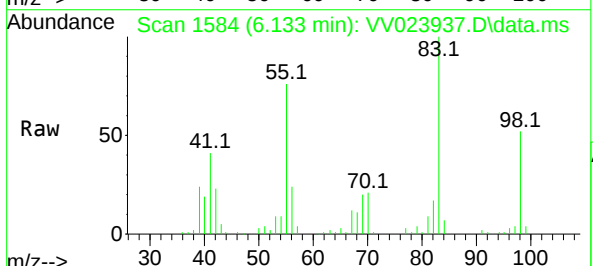
Tgt Ion: 83 Resp: 60933

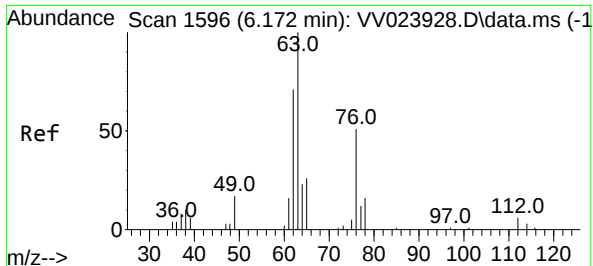
Ion Ratio Lower Upper

83 100

55 74.6 60.2 90.2

98 50.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.362 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

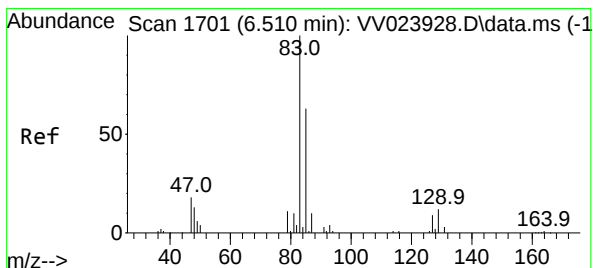
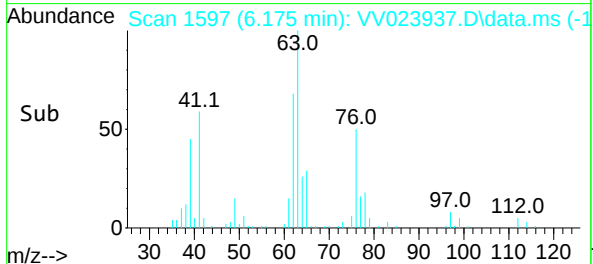
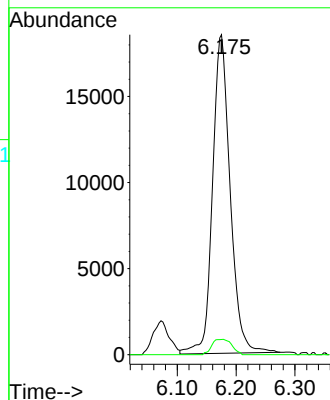
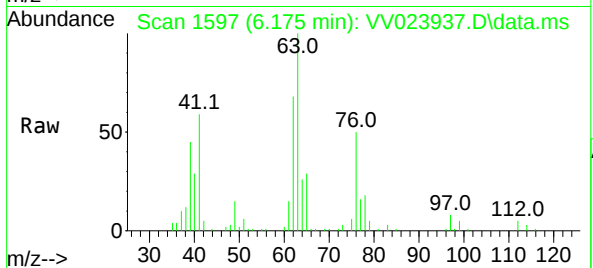
ClientSampleId :

Tgt Ion: 63 Resp: 38537

Ion Ratio Lower Upper

63 100

112 5.4 4.3 6.5



#38

Bromodichloromethane

Concen: 5.390 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

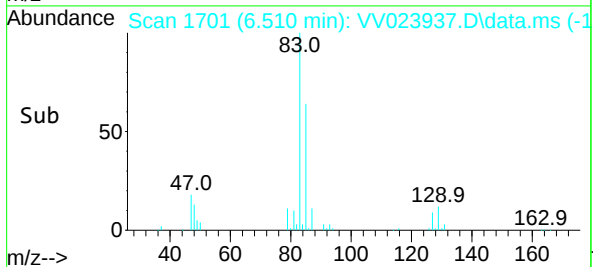
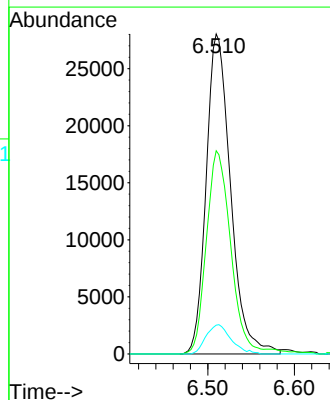
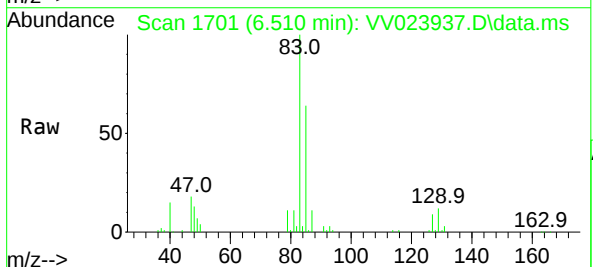
Tgt Ion: 83 Resp: 54875

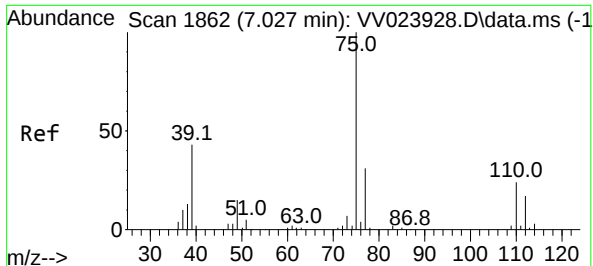
Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8

127 9.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.197 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

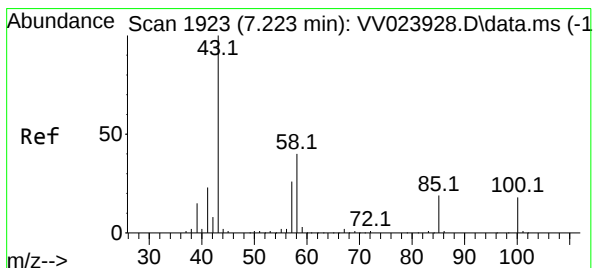
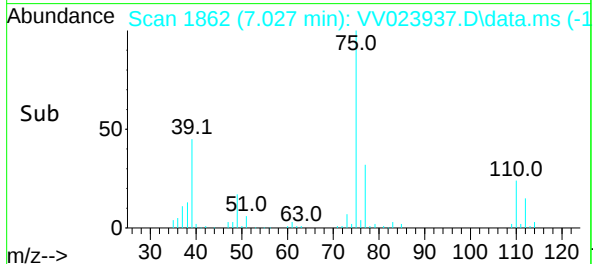
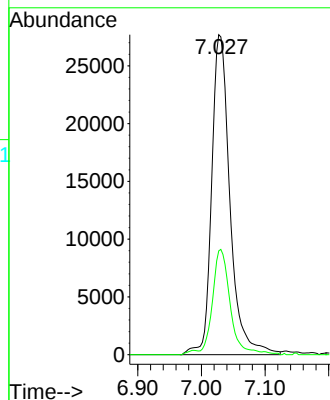
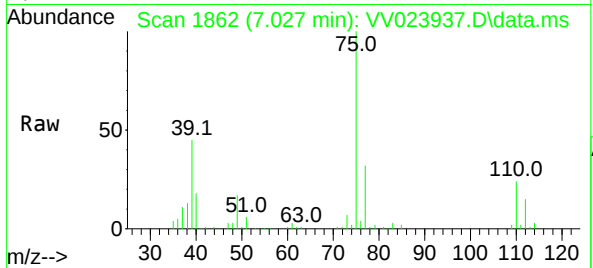
ClientSampleId :

Tgt Ion: 75 Resp: 55449

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 62.239 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

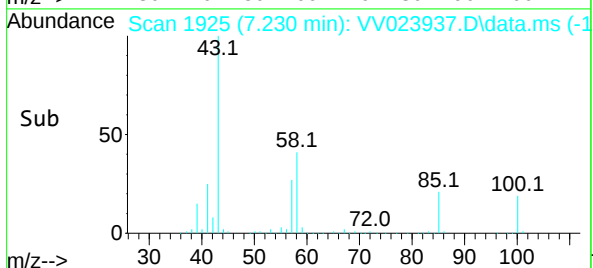
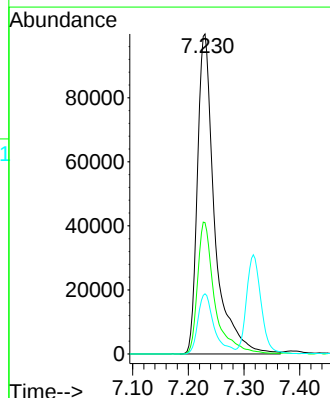
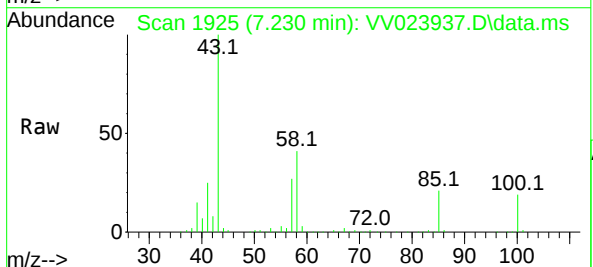
Tgt Ion: 43 Resp: 214866

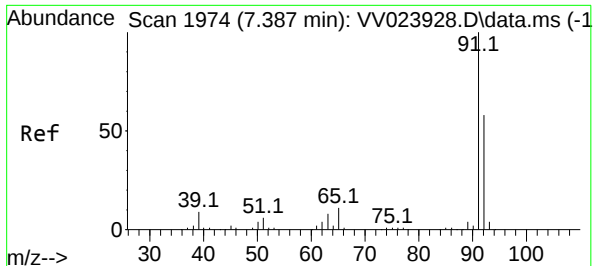
Ion Ratio Lower Upper

43 100

58 41.0 32.3 48.5

100 17.8 13.0 19.6

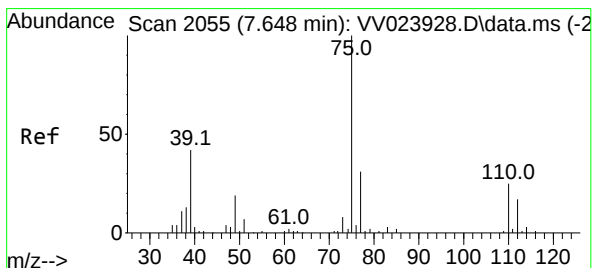
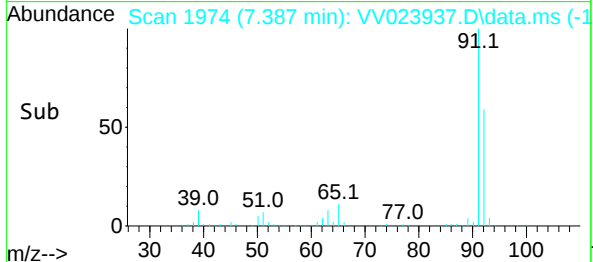
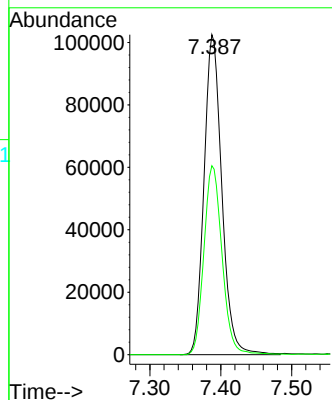
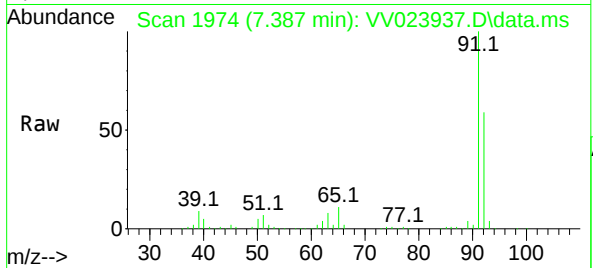




#42
Toluene
Concen: 5.252 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

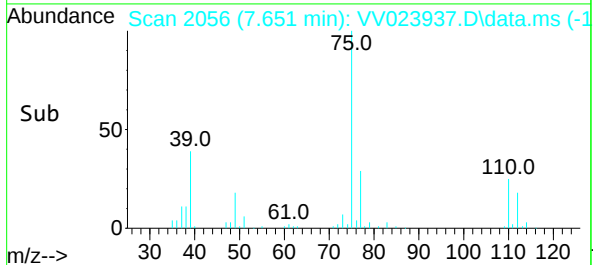
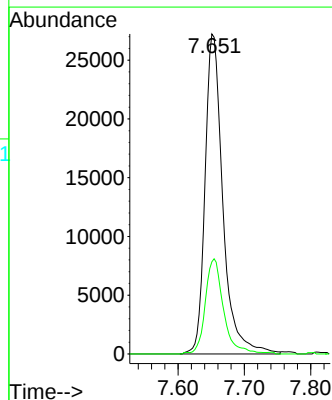
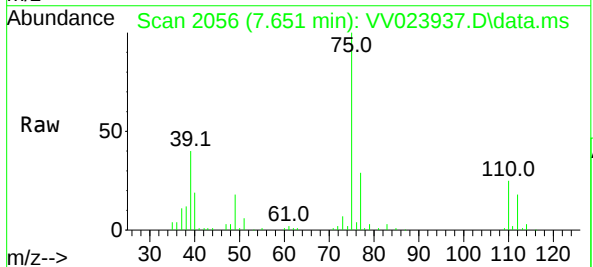
Instrument :
MSVOA_V
ClientSampleId :

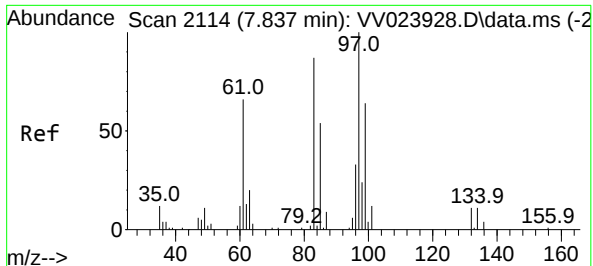
Tgt Ion: 91 Resp: 178722
Ion Ratio Lower Upper
91 100
92 59.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 5.517 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion: 75 Resp: 50878
Ion Ratio Lower Upper
75 100
77 28.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.441 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 28932

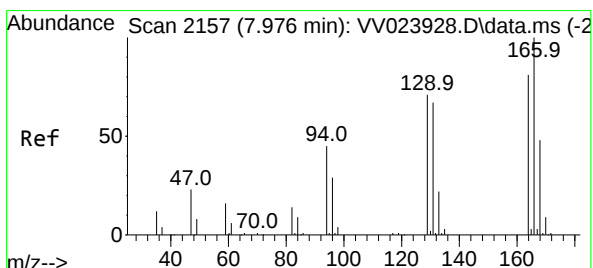
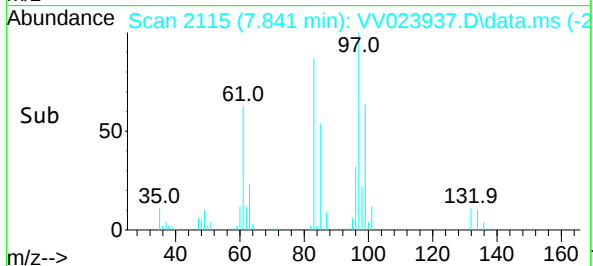
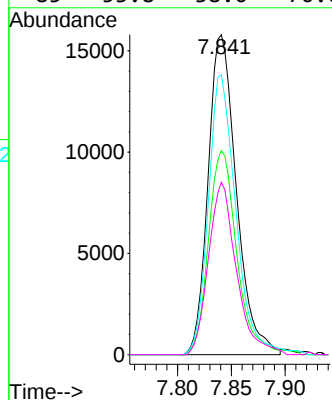
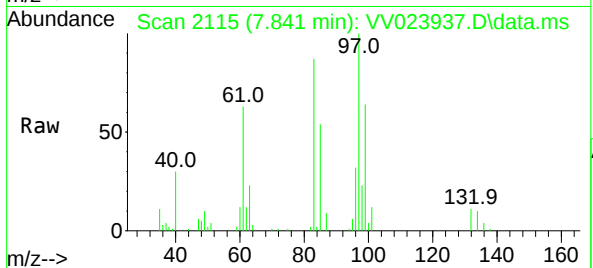
Ion Ratio Lower Upper

97 100

99 63.7 43.1 80.1

83 87.5 57.9 107.5

85 53.8 38.0 70.6



#47

Tetrachloroethene

Concen: 5.092 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Tgt Ion:164 Resp: 38233

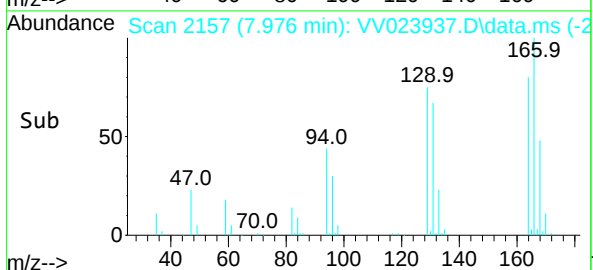
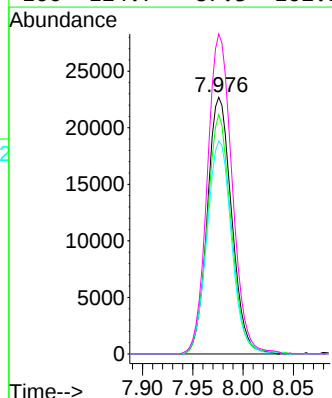
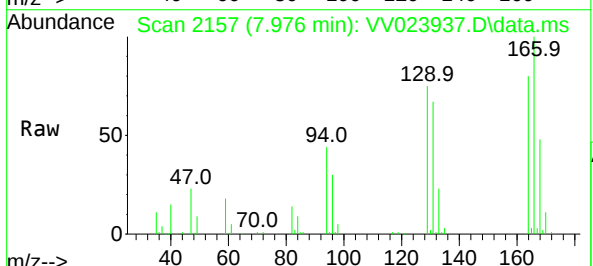
Ion Ratio Lower Upper

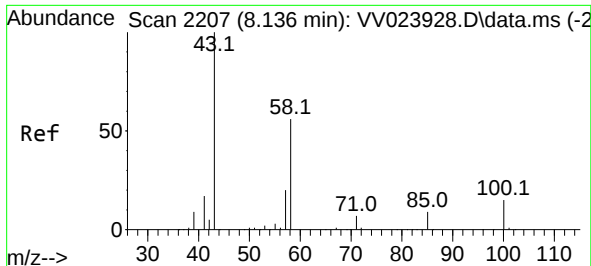
164 100

129 93.2 62.6 116.2

131 83.0 61.0 113.4

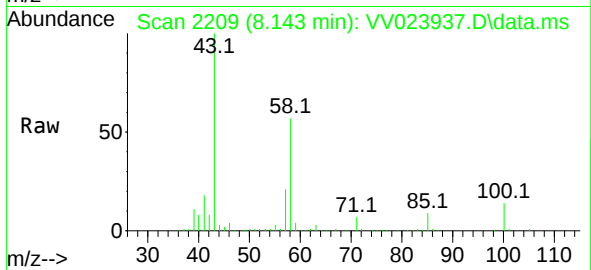
166 124.7 87.3 162.1



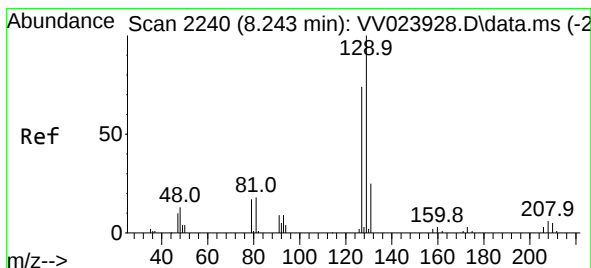
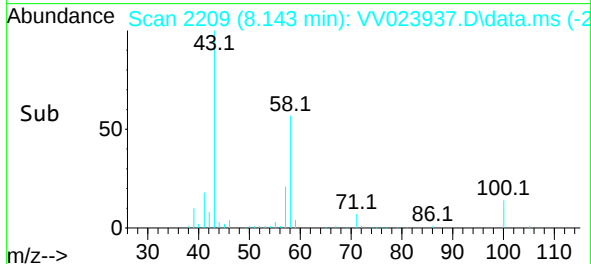
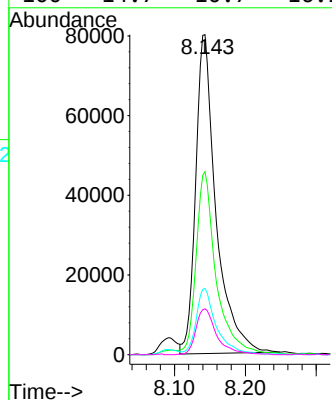


#48
2-Hexanone
Concen: 63.852 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Instrument :
MSVOA_V
ClientSampleId :

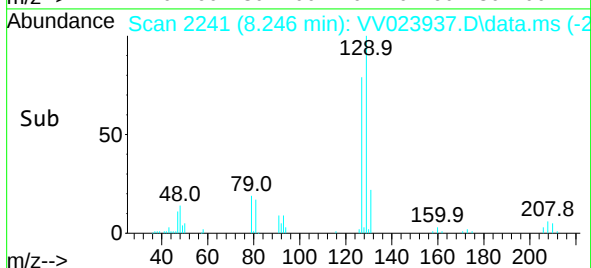
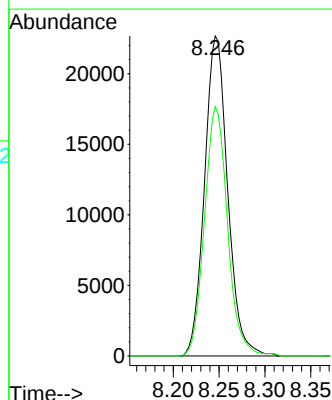
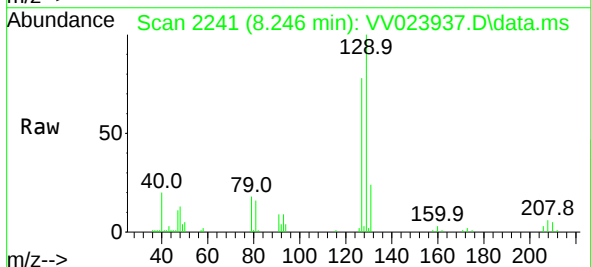


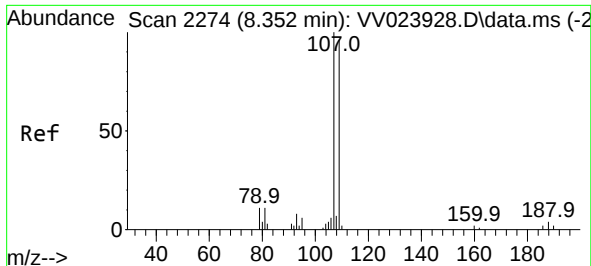
Tgt Ion: 43 Resp: 159836
Ion Ratio Lower Upper
43 100
58 55.0 44.5 66.7
57 20.2 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.515 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion:129 Resp: 39896
Ion Ratio Lower Upper
129 100
127 77.9 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.547 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

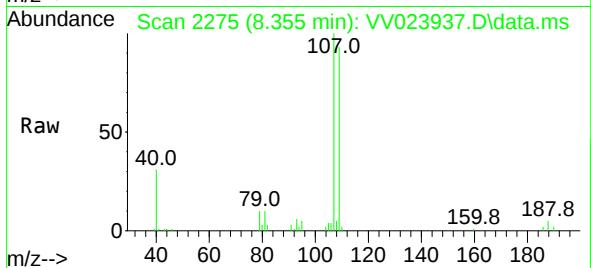
Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :



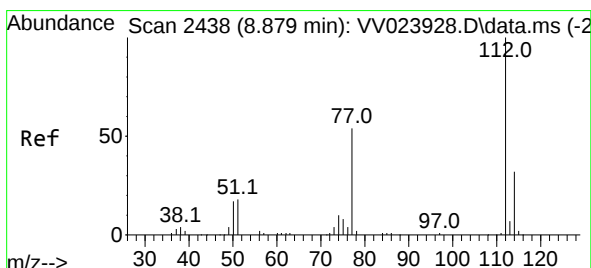
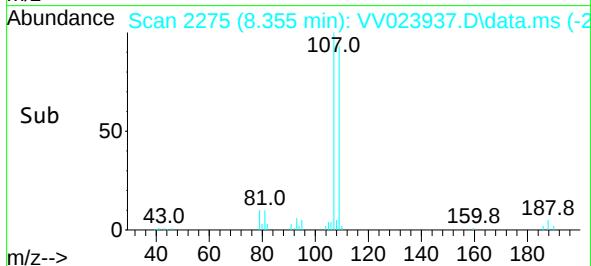
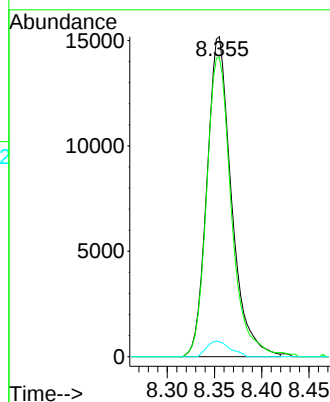
Tgt Ion:107 Resp: 27383

Ion Ratio Lower Upper

107 100

109 93.5 62.5 116.1

188 4.7 3.4 5.2



#51

Chlorobenzene

Concen: 5.246 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

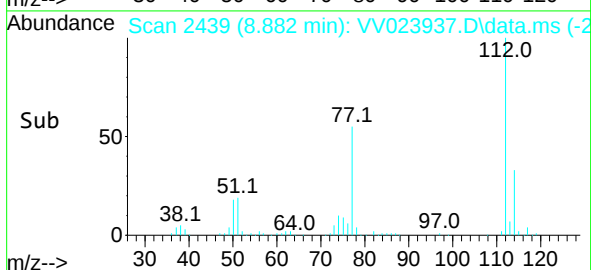
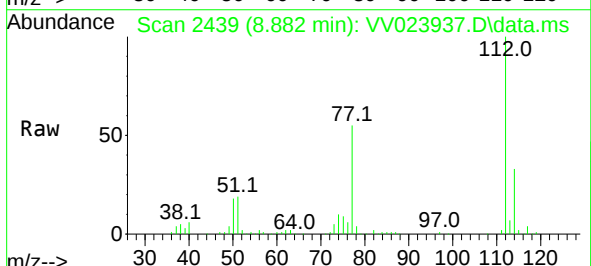
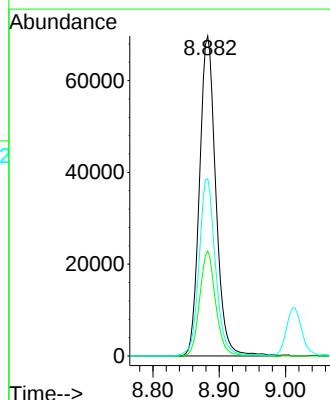
Tgt Ion:112 Resp: 119309

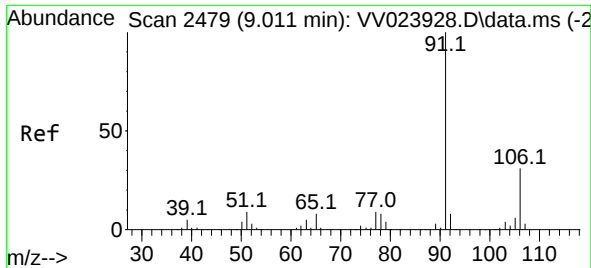
Ion Ratio Lower Upper

112 100

114 32.8 23.3 43.3

77 55.5 43.3 64.9

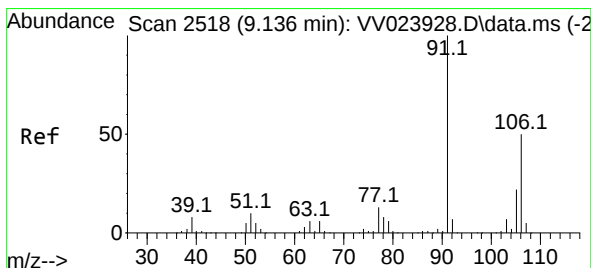
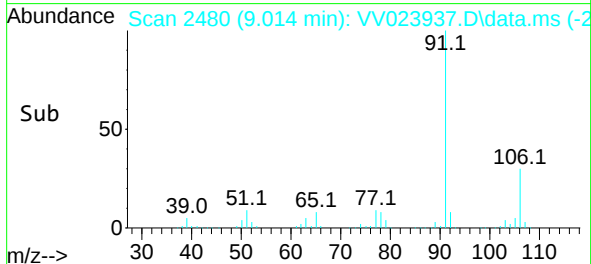
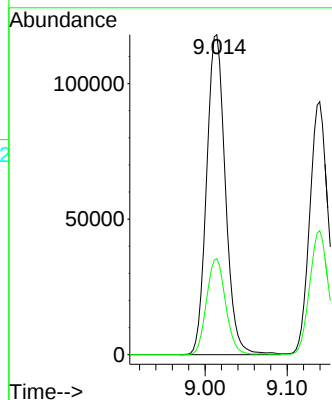
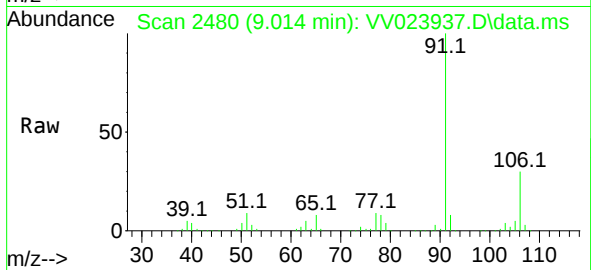




#52
Ethylbenzene
Concen: 5.220 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

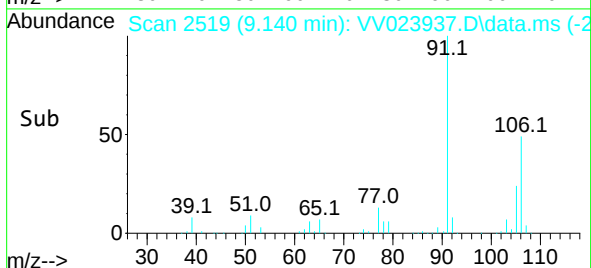
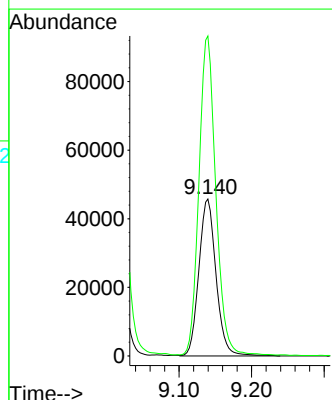
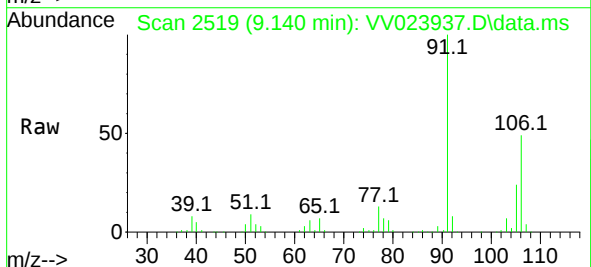
Instrument :
MSVOA_V
ClientSampleId :

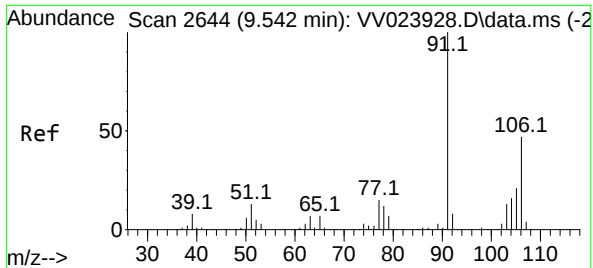
Tgt Ion: 91 Resp: 187435
Ion Ratio Lower Upper
91 100
106 30.0 22.0 41.0



#53
m,p-xylene
Concen: 5.307 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion:106 Resp: 75363
Ion Ratio Lower Upper
106 100
91 203.8 139.5 259.1

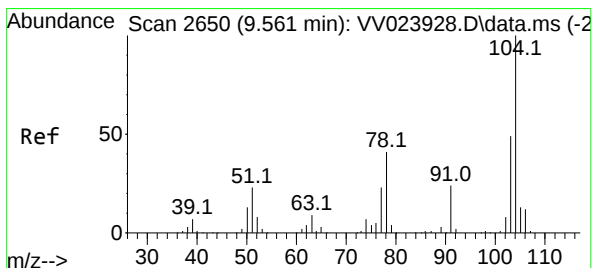
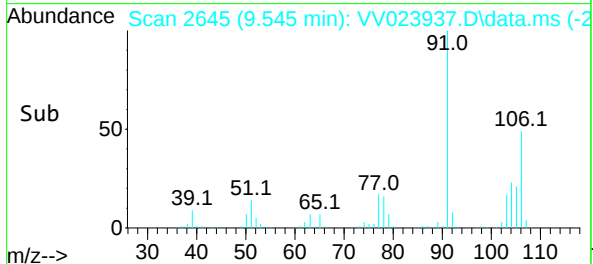
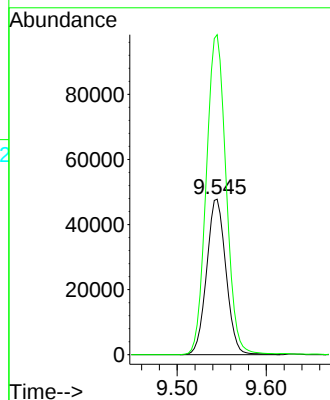
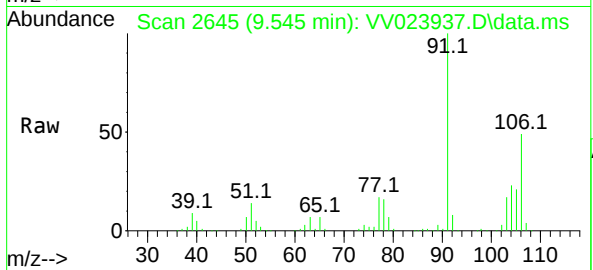




#54
o-xylene
Concen: 5.236 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

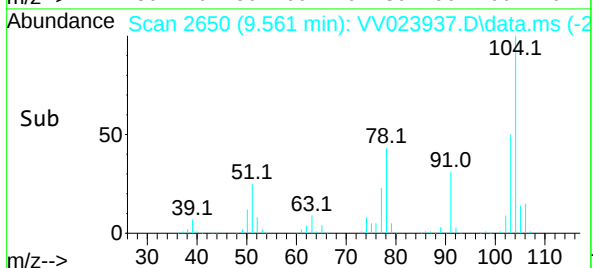
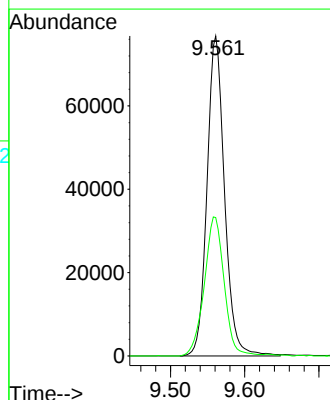
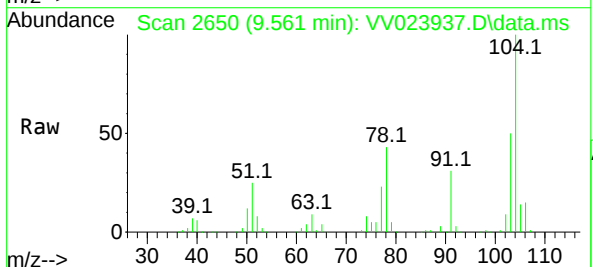
Instrument :
MSVOA_V
ClientSampleId :

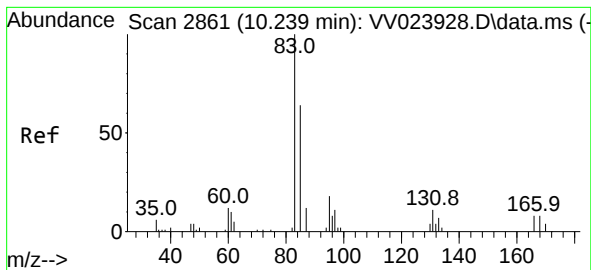
Tgt Ion:106 Resp: 71900
Ion Ratio Lower Upper
106 100
91 205.8 147.9 274.7



#55
Styrene
Concen: 5.500 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion:104 Resp: 125733
Ion Ratio Lower Upper
104 100
78 43.2 31.0 57.6

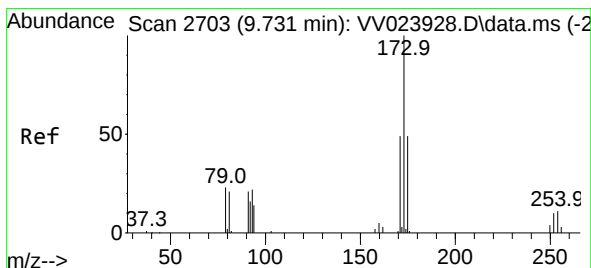
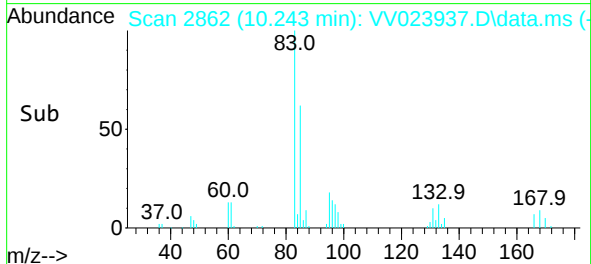
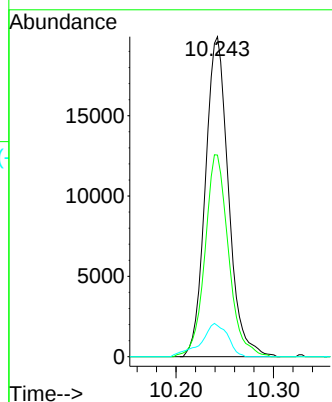
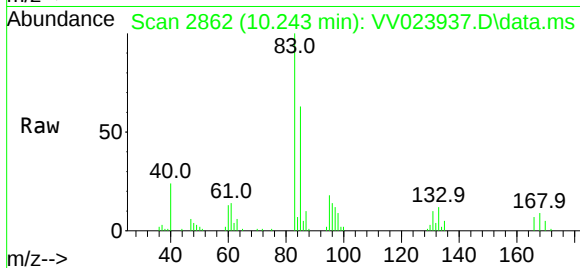




#57
1,1,2,2-Tetrachloroethane
Concen: 5.630 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

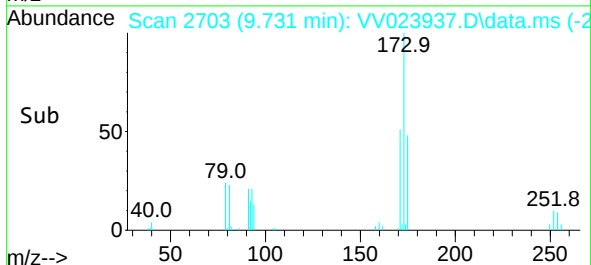
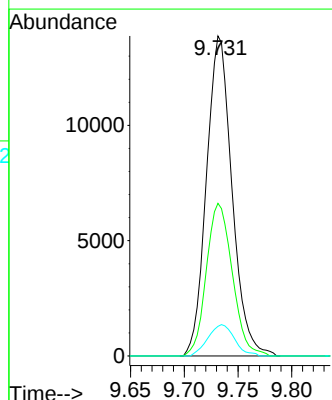
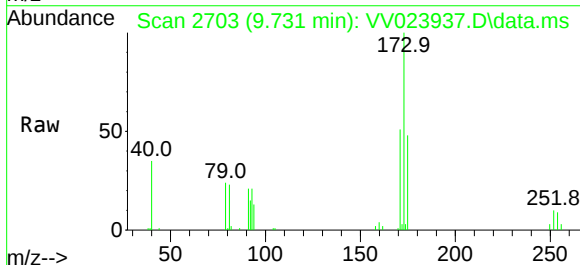
Instrument :
MSVOA_V
ClientSampleId :

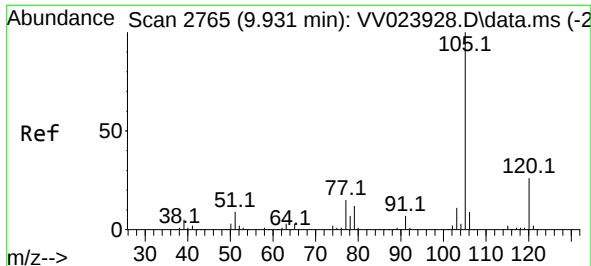
Tgt Ion: 83 Resp: 32778
Ion Ratio Lower Upper
83 100
85 63.0 44.6 82.8
131 9.7 8.3 12.5



#59
Bromoform
Concen: 5.640 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion: 173 Resp: 22946
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 10.2 7.4 11.0

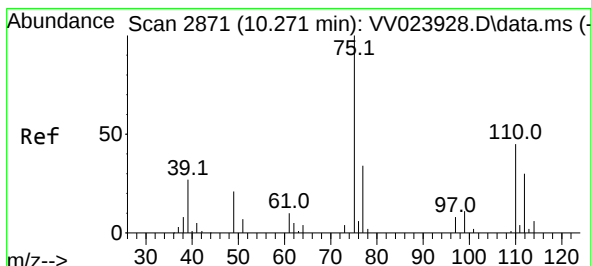
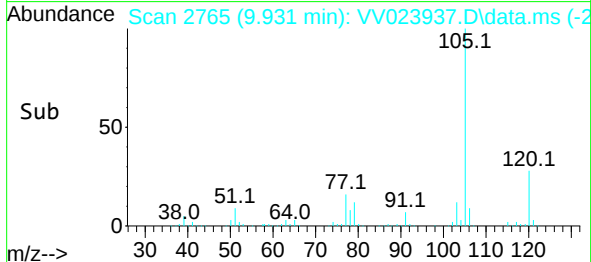
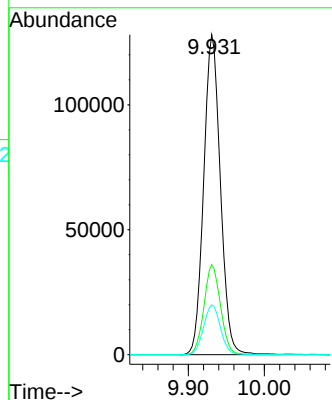
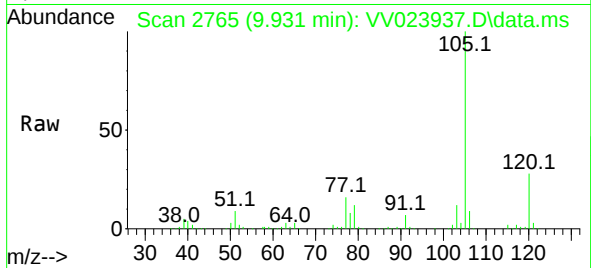




#60
Isopropylbenzene
Concen: 5.240 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

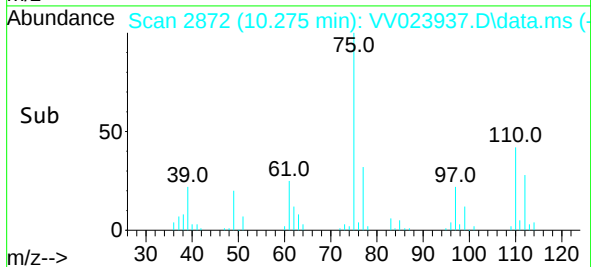
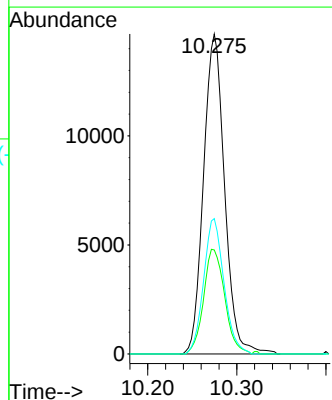
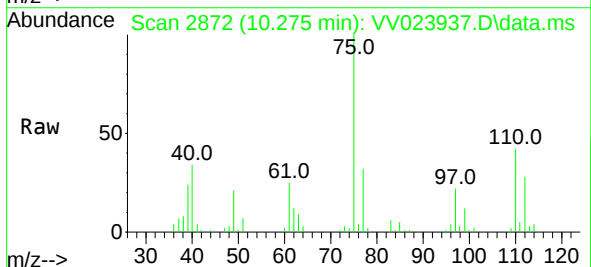
Instrument :
MSVOA_V
ClientSampleId :

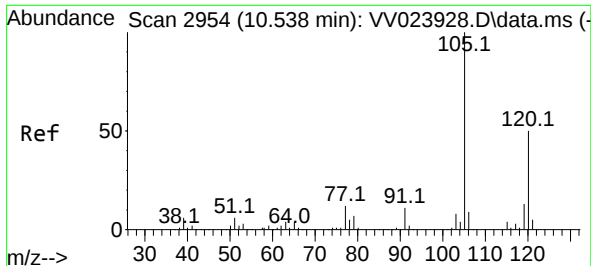
Tgt Ion:105 Resp: 195047
Ion Ratio Lower Upper
105 100
120 27.9 21.4 32.0
77 15.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.583 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion: 75 Resp: 24112
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
110 40.9 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.192 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

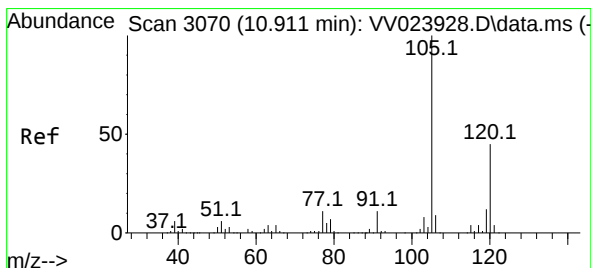
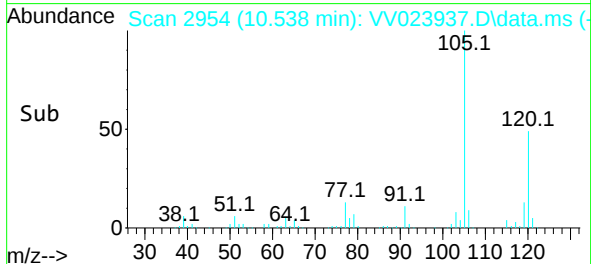
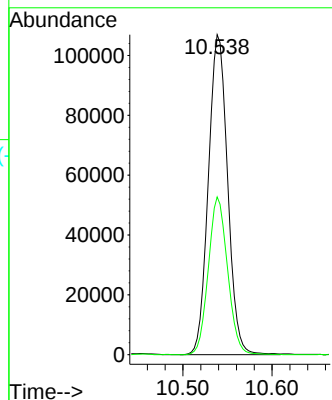
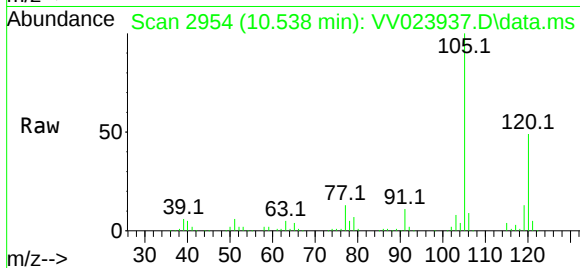
ClientSampleId :

Tgt Ion:105 Resp: 160312

Ion Ratio Lower Upper

105 100

120 49.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.252 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023937.D

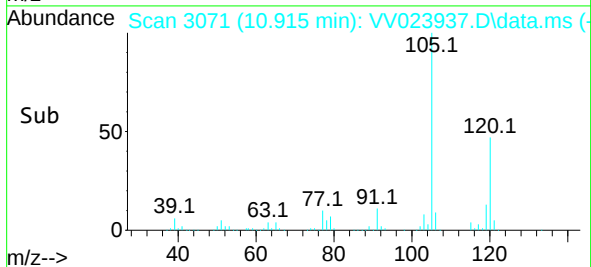
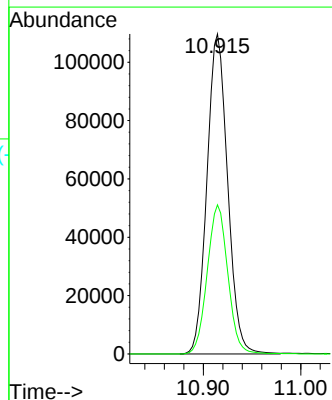
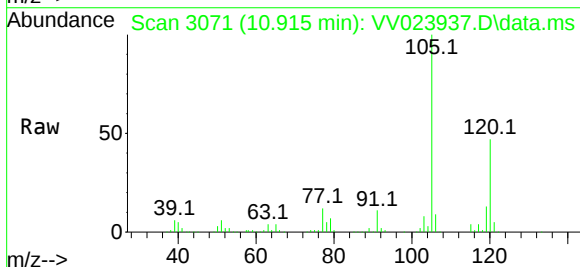
Acq: 11 Dec 2021 17:41

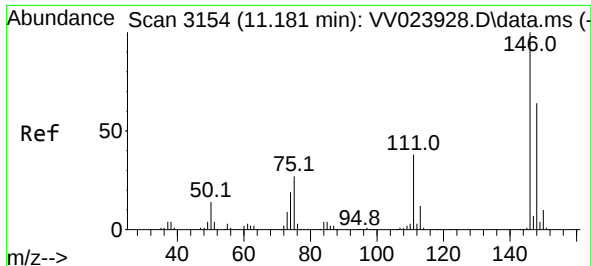
Tgt Ion:105 Resp: 161541

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1

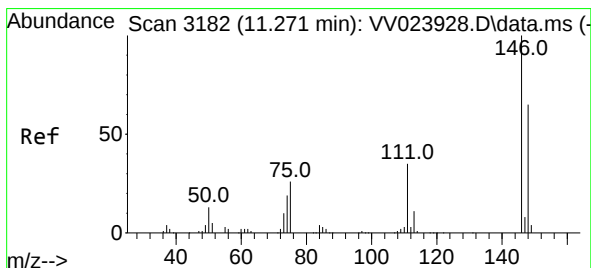
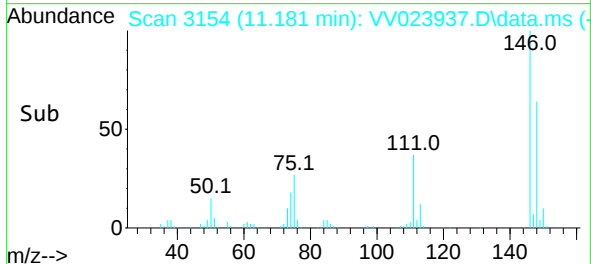
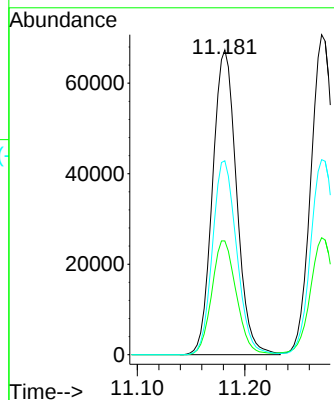
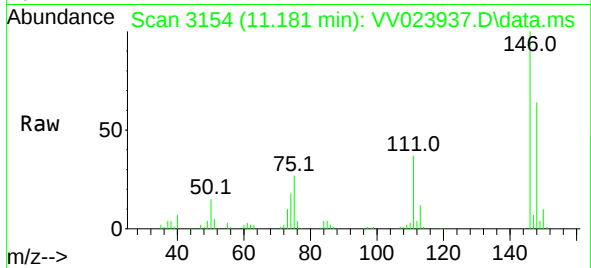




#64
 1,3-Dichlorobenzene
 Concen: 5.497 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

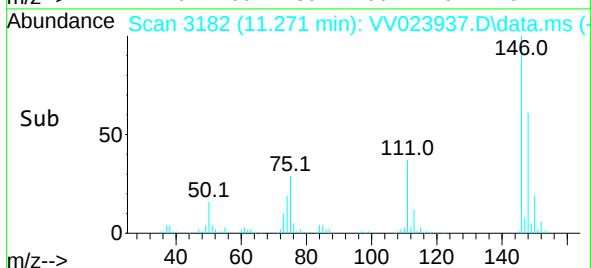
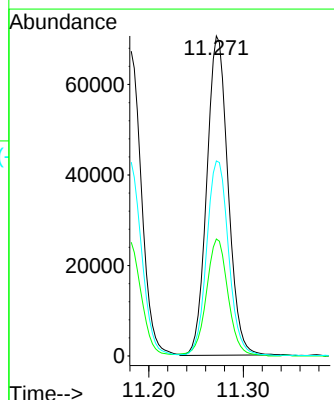
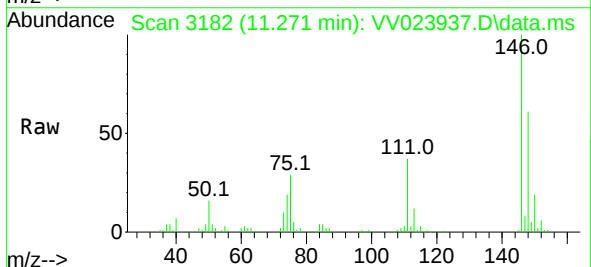
Instrument :
 MSVOA_V
 ClientSampleId :

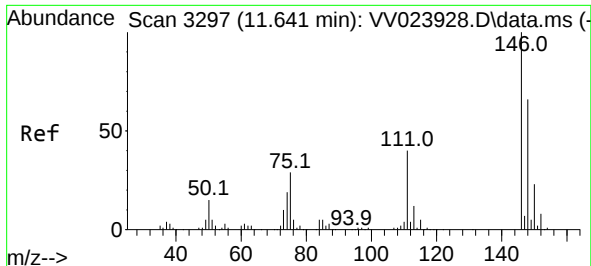
Tgt Ion:146 Resp: 104642
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.3 48.9
 148 63.7 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 5.763 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV023937.D
 Acq: 11 Dec 2021 17:41

Tgt Ion:146 Resp: 110183
 Ion Ratio Lower Upper
 146 100
 111 36.5 25.6 47.6
 148 61.0 44.8 83.2

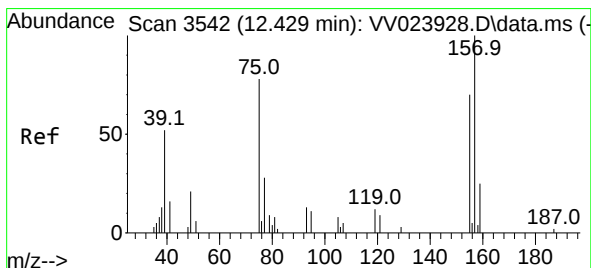
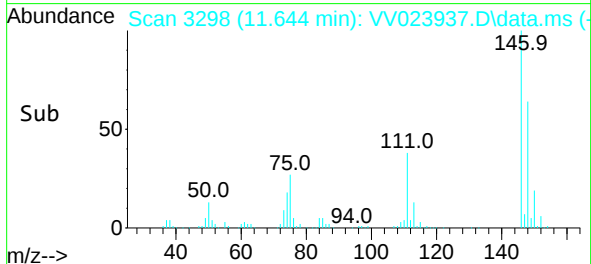
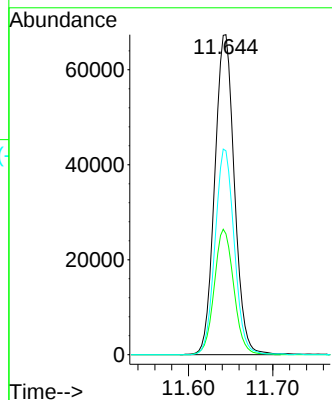
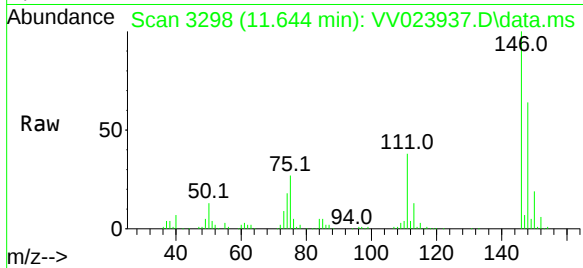




#67
1,2-Dichlorobenzene
Concen: 6.260 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

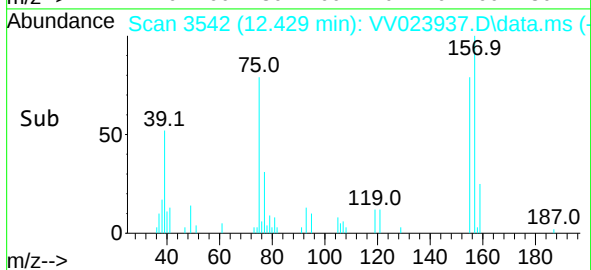
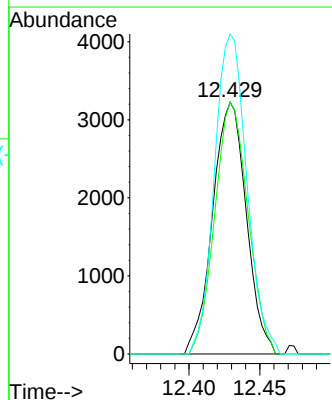
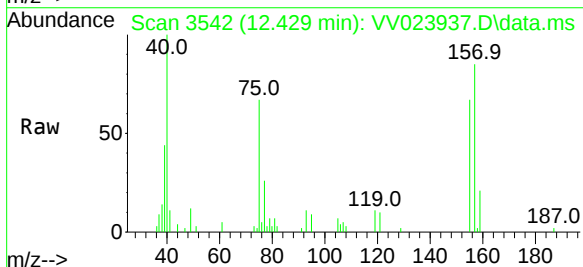
Instrument :
MSVOA_V
ClientSampleId :

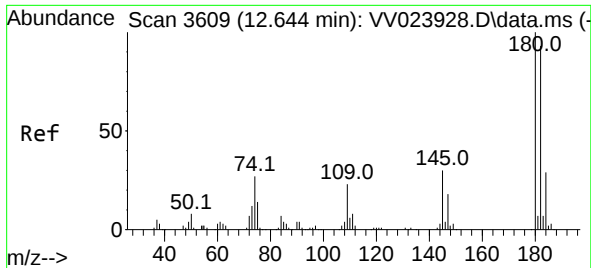
Tgt Ion:146 Resp: 109164
Ion Ratio Lower Upper
146 100
111 37.8 31.9 47.9
148 63.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.665 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

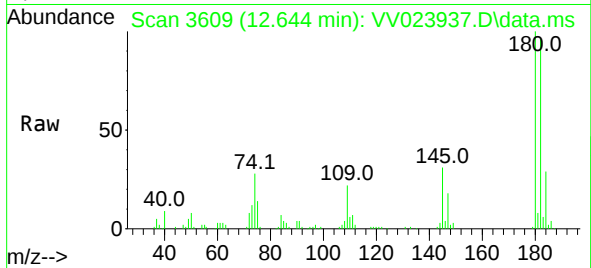
Tgt Ion: 75 Resp: 5343
Ion Ratio Lower Upper
75 100
155 100.1 71.7 107.5
157 127.1 103.3 154.9



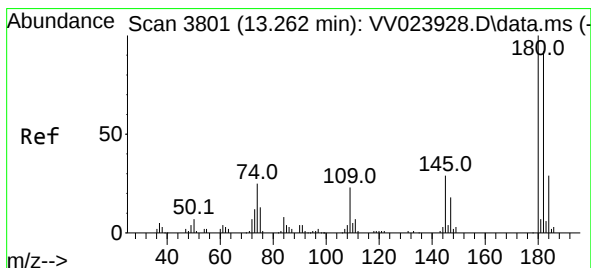
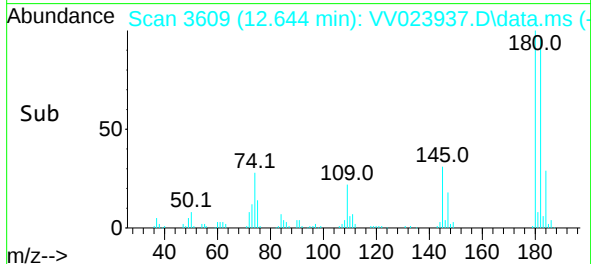
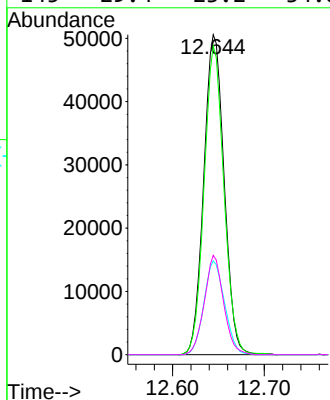


#69
1,3,5-Trichlorobenzene
Concen: 4.980 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Instrument :
MSVOA_V
ClientSampleId :

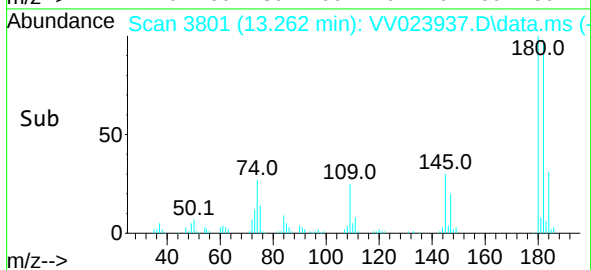
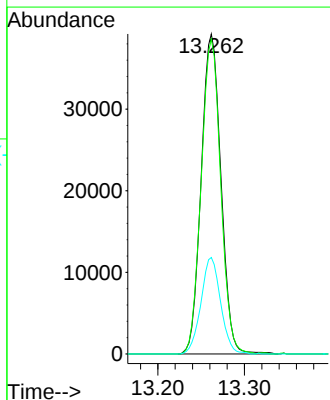
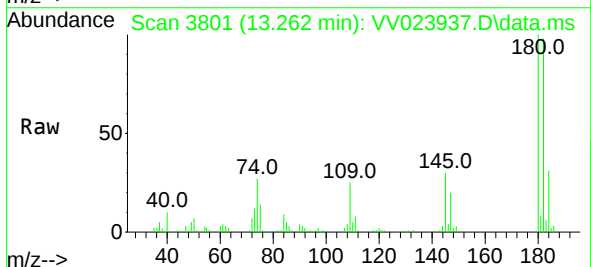


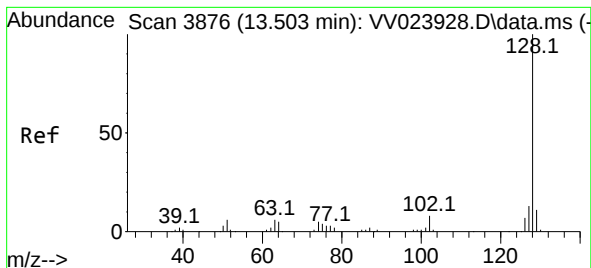
Tgt Ion:180	Resp:	77972
Ion	Ratio	Lower Upper
180	100	
182	94.0	76.4 114.6
184	29.8	24.2 36.4
145	29.4	23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 5.043 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023937.D
Acq: 11 Dec 2021 17:41

Tgt Ion:180	Resp:	62015
Ion	Ratio	Lower Upper
180	100	
182	97.2	74.4 111.6
145	30.0	23.3 34.9





#71

Naphthalene

Concen: 5.114 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Instrument :

MSVOA_V

ClientSampleId :

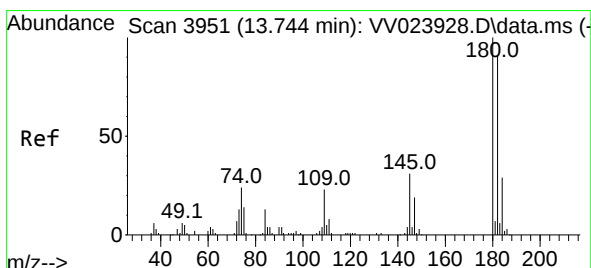
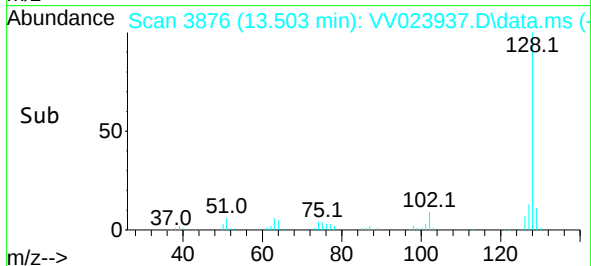
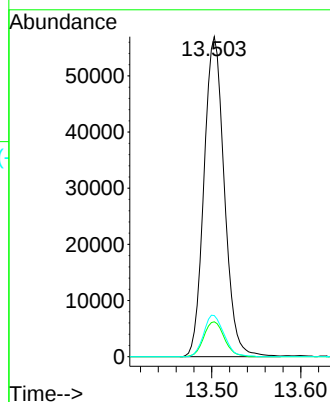
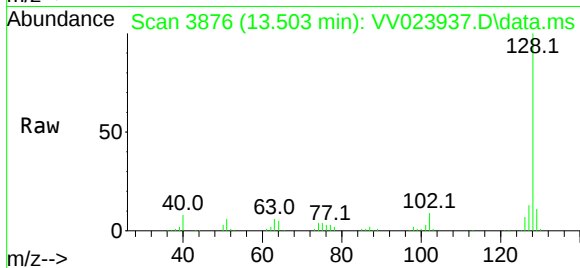
Tgt Ion:128 Resp: 90390

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.375 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023937.D

Acq: 11 Dec 2021 17:41

Tgt Ion:180 Resp: 58356

Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

145 30.8 25.8 38.6

